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ABSTRACT

The 1983 annual report of Washington's statewide test of fourth grade basic skills achievement is presented in this document. Both state level and district-by-district results are reviewed. The first section of this report presents the overall results for the 48,000 fourth grade students who were administered the basic battery of the California Achievement Test (CAT) in October 1983. The results for selected special student subpopulations are also reported. The second section provides summaries of the test findings for each district in Washington and categorizes the results by number of students tested. Student achievement analysis includes: (1) subtest results (reading, vocabulary, reading comprehension); (2) content domain items (literal comprehension, interpretive comprehension); and (3) category objective results (recall of facts, inferred meaning). The state testing program measures achievement in reading, spelling, language, and mathematics and does not include other discipline areas nor attitudinal factors. Limitations of this testing program are presented as well as summary statements on performance analysis in each content area. (ML)

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STATE GENERAL REPORT & DISTRICT LEVEL SUMMARIES

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WASHINGTON STATEWIDE EDUCATIONAL ASSESSMENT

READING, SPELLING, LANGUAGE ARTS, MATHEMATICS

4th Grade — Fall 1983

SE 045 855

WASHINGTON STATEWIDE EDUCATIONAL ASSESSMENT

READING, SPELLING, LANGUAGE, MATHEMATICS

4th Grade -- Fall 1983

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This report is made in compliance with RCW 28A.03.360.

February, 1984

Table of Contents

	Page
List of Tables	ii
Introduction	1
Section I -- State Level Result	3
Specific Subtest Results	5
Section II -- District Level Results	11
Results for Districts Testing 50 or more Students	15
Results for Districts Testing fewer than 50 Students	37
Appendix A -- State Level Evaluator's Summary	57
Appendix B -- State Right Response Summary	61

List of Tables

	Page
Table 1 -- Percentages of Washington Fourth Grade Students Scoring in Each Quarter and Median National Percentile Ranks on the CAT	4
Table 2 -- Comparison of Handicapped with Not Handicapped Students	8
Table 3 -- Comparison of Native English Speaking Students with Students for Whom English is a Second Language (ESL)	8
Table 4 -- Comparison of Students in Regular Chapter 1 Programs with Non-Chapter 1 Students	9
Table 5 -- Comparison of Students in Chapter 1-Migrant Programs and All Other Students	9
Table 6 -- Comparison of Results of Students in RAP Programs with All Other Students	10
Table 7 -- Numbers of Districts Testing 50 or More Students Whose District Median Percentile Ranks Were Significantly Above, About the Same and Significantly Below the National Median Percentile Rank	11
Table 8 -- Numbers of Districts Testing Fewer Than 50 Students Whose District Median Percentile Ranks Were Significantly Above, About the Same and Significantly Below the National Median Percentile Rank	12
Table 9 -- Approximate 95% Confidence Ranges for Percentile Scores from Groups of Different Sizes	13

STATE GENERAL REPORT

"Every pupil, teacher and patron needs to learn . . . that every measurement made in the world is not a point but a probable error blur--narrow with micrometer measurements and wide with mental measurements." (From W.A. McCall in Measurement.)

INTRODUCTION

RCW 28A.03.360 requires the Washington State Superintendent of Public Instruction to administer and report annually the results of a statewide test of fourth grade basic skills achievement. The annual reports must include both state level and district-by-district results. This is the eighth annual report of the Washington State testing program.

The first section of this report presents the overall results for the over 48,000 fourth grade students who were administered the basic battery of the California Achievement Test (CAT), Level 14, Form C in October 1983. The results for selected special student subpopulations are also reported. The second section of the report provides summaries of the CAT results for each district in Washington that tested fourth grade students.

The results contained in this report have several notable limitations. Some of those limitations are as follows:

1. The state testing program measures achievement in reading, spelling, language and mathematics as defined by the items on the CAT. Many other subjects such as science, music, history, foreign language and art, are not included; neither are such areas as citizenship, study habits, nor attitudes toward self and others. Most school districts

emphasize these in addition to reading, spelling, language and mathematics and districts should take every opportunity to provide specific information about achievement or growth in these other important areas.

2. The 1983 Washington State testing program described in this report tested only fourth grade students. Conclusions about the quality of the educational program in an entire school district or a state cannot be properly made from the results of one test, given at one time to a single grade level.

3. The fourth grade tests are administered in October of each year and therefore, reflect the accumulated achievement of students in grades K-3 as well as entry level performance on fourth grade objectives. A complete picture of fourth grade achievement would require testing again in the spring.

4. All of the scores reported are <u>average</u> scores based on the performance of groups of students. Even the lowest-scoring group has some high-achieving students. Similarly, the highest-scoring groups have a portion of low-achieving students.

5. Many factors influence students' performance or the quality of an educational program. Any analysis of student performance or program quality should consider many factors including objectives, costs and local priorities as well as student achievement. This report contains only a small portion of the information required to determine program quality.

SECTION I - STATE LEVEL RESULTS

The state level results for the California Achievement Test (CAT) are reported in two ways: median national percentile ranks and percentages of students scoring in each of the four norm group quarters on each subtest and subtest total.

Because the raw scores (number correct) on standardized achievement tests are difficult to interpret, several alternative scores have been derived. One such score is the percentile rank which describes the relative position of a student within a particular group of students. The group of students with which the student is compared is called the norm group. When the norm group is a national sample of students the percentile score is a national percentile rank. A national percentile rank indicates the percent of students in the national sample the individual student's score exceeded. For example, if a Washington student has a national percentile rank of 63, this indicates that the student's score on the test exceeded the scores of 63% of the students in the national norm group.

National percentile ranks can also be used to describe a group's performance such as all fourth graders in a particular district or the entire state. In this instance the score of the median (middle) student in the district or state is compared with the median student in the national norm group by converting his or her raw score to a national percentile rank. This score then becomes the local or state group's median national percentile rank. For example, the middle scoring student's raw score in the district or state may have a national percentile rank of 62 which indicates that he or she exceeded 62% of the students in the national norm group. Since this middle student's score exceeded only 50% of the students' scores in the district or state group, this means that 50% of the students in the district or state had scores higher than 62% of the students in the national norm group.

Table 1 provides the state median national percentile ranks for each of the subtests and subtest totals on the 1983 administration of the CAT. Table 1 includes a second method of describing the state level results. The national norm group scores were divided into four equal groups or quarters: the first (percentile ranks 1-25), the second (percentile ranks 26-50), the third (percentile ranks 51-75), and the fourth (percentile ranks 76-99). In the national norm group, 25% of the students scored in each of these quarters. If the students in Washington perform like those in the national norm group, 25% of Washington scores will be in each of the quarters. The two middle quarters are generally considered to be the "average" range of achievement for groups of students.

In Table 1, the percentages of Washington students scoring in each of the norm group quarters are reported for each of the CAT subtests and subtest totals.

TABLE 1. PERCENTAGES OF WASHINGTON FOURTH GRADE STUDENTS SCORING IN EACH QUARTER AND MEDIAN NATIONAL PERCENTILE RANKS ON THE CAT

	NORM GROUP QUARTERS	READ VOCAB	READ COMP	READ TOTAL	SPELL	LANG MECH	LANG EXPR	LANG TOTAL	MATH COMP	MATH CO/AP	MATH TOTAL	TOTAL BATTERY
4th	25%	37%	35%	38%	31%	36%	36%	36%	28%	32%	29%	33%
3rd	25%	29%	30%	27%	31%	24%	30%	27%	24%	29%	29%	32%
2nd	25%	23%	21%	23%	24%	25%	21%	24%	26%	26%	26%	23%
1st	25%	12%	14%	12%	15%	15%	13%	13%	23%	13%	15%	12%
Median Nat'l %ile Rank	50	63	63	64	64	64	65	65	54	60	58	63

The results in this table indicate that compared with the national norm group, Washington's scores are consistently high. The complete state level Evaluator's Summary for the 1983 fourth grade test results is included as Appendix A.

SPECIFIC SUBTEST RESULTS

The CAT surveys students in seven basic skill areas. These areas are tested by separate subtests within the total battery. This section of the report focuses on the performance of Washington's fourth graders on each of the CAT subtests.

Reading Vocabulary

Vocabulary knowledge is important for understanding concepts and verbal and written communication. Level 14 of the CAT focuses on three general areas of vocabulary skills: words with the same meaning, words with opposite meaning and multimeaning words. Words of the same or opposite meanings are tested by placing the "stimulus" word in a phrase and asking the student to select the word with the same (or opposite) meaning from a group of four words. Words with multimeanings are tested in sentences where context is important to determine the intended word meaning.

There are 30 items on the reading vocabulary subtest and Washington students answered an average of 68% correct compared to an average of 58% correct for the national norm group.

Reading Comprehension

Reading comprehension includes word recognition and word meaning skills; but these decoding and vocabulary skills are only a means to comprehension. Successful reading comprehension requires the student to attach meaning to the broader sentences and concepts which make up a reading passage. Reading comprehension on the CAT is divided into literal, interpretive and critical comprehension. Literal comprehension concerns what is actually stated in a passage--the recognition and recall of facts. Interpretive comprehension requires students to determine (infer) what is implied in a passage. Such skills as identifying main ideas, drawing conclusions, recognizing cause and effect relationships, analyzing characters and interpreting figurative language are included in interpretive comprehension. Critical comprehension tests students' skills in evaluating and making judgments about what they read. Separating fact from opinion or recognizing when important information is missing are some of the other skills tested in critical comprehension.

There are 40 items on the CAT reading comprehension subtest. On the average Washington's fourth graders answered 59% of the items correctly compared with 51% correct in the national norm group.

Spelling

The items on the CAT spelling subtest are organized around sounds-symbols (phonemes-graphemes) and the structural units of words (morphemes). The items emphasize the frequent errors that occur within each category. Spelling problems are tested in the consonant group and the vowel group, as

well as, the structural or morphemic units of words. The test items consist of underlined words presented in sentences. Students choose the incorrect word from three underlined words or if there are no misspellings they select the answer choice "none".

Washington's students answered an average of 62% of the 20 items on the spelling test correctly compared with 58% correct in the norm group.

Language Mechanics

The language mechanics subtest consists of 25 items testing capitalization and punctuation skills. The ten capitalization items ask students to decide which of four underlined words in a sentence requires a capital letter. Each sentence also contains an alternate choice of "none" if no word requires a capital letter. The 15 punctuation items require students to determine which one of four punctuation marks included in a sentence is required. Again the choice "none" is provided if no additional punctuation is required.

Washington students answered 58% of the language mechanics items correctly compared with 52% correct in the norm group.

Language Expression

The language expression subtest of the CAT focuses on the ability to apply language skills in written work. Students do not write in the test, but students must recognize the appropriate use of such writing concepts as subject-verb agreement, modifying and transitional words or phrases, and complete, incomplete or run-on sentences. Students' knowledge of parts of speech such as pronouns, nouns, adjectives and adverbs used in the context of sentences is also tested.

A third language expression area requires students to arrange related sentences in a logical or appropriate sequence based on the meaning of the group of sentences.

Of the 38 items on the language expression subtest Washington students answered 70% correctly compared to 62% correct in the norm group.

Mathematics Computation

The CAT contains a sampling of computation skills commonly taught at the fourth grade level. Items include problems requiring the addition, subtraction, multiplication and division of whole numbers, fractions, mixed numbers and decimals. Common errors in computation are incorporated into the alternative answer choices, thus adding a diagnostic dimension to the computation subtest.

There are 40 items on the mathematics computation subtest. Washington's fourth graders averaged 46% of the items correct compared with the norm group's 44% average correct.

Mathematics Concepts and Applications

The concepts and applications subtest of the CAT tests a broad range of mathematics skills with emphasis on concepts and their application rather than on isolated facts. The objectives measured in this subtest include numeration, number theory, number sentences and number properties. Generally, the items test the students' knowledge of the symbols and words that represent numbers, the organization of these symbols and rules that govern these symbols. Other items in the CAT mathematics concepts/ applications subtest focus on geometry, measurement, graphs and functions. All items have four possible answer choices with a fifth choice, "none of the above" to discourage uninformed guessing. The Washington fourth graders answered correctly an average of 55% of the 45 concepts and applications items compared with 49% correct for the norm group.

Appendix B of this report contains the complete Right Response Summary Report for the 1983 fourth grade CAT administration.

Results of Selected Subpopulations

Tables 2-6 compare the CAT results for selected student subgroups with the total state results. Classroom teachers were asked to provide specific information on each student tested. The number of students reported in each of the tables may not reflect the actual numbers of students in the subgroup. Some students, for a variety of reasons, did not take all of the tests; and in rare cases individual answer sheets could not be completely scored.

There are definite differences among the various student subgroups and the subtest scores--especially when compared with the total state results. However, the test results only highlight the differences, they do not explain the causes. Some of the percentage figures may not total 100% due to rounding.

Table 2 compares 1,224 students who have been formally diagnosed as handicapped but who spend most of the school day in a regular classroom with students not diagnosed as handicapped. Table 3 summarizes the results of 1,625 students whose first, or native, or home language is not English. Table 4 shows the differences in results between 4,286 regular Chapter 1 students and the total state results. Table 5 contrasts the results between 469 Chapter I-Migrant students and all others. Table 6 shows the results of 2,666 students in Remediation Assistance Programs compared with all other fourth grade students.

TABLE 2. COMPARISON OF HANDICAPPED WITH NOT HANDICAPPED

%ile	Reading		Spelling		Language		Math	
	Hand.	Not	Hand.	Not	Hand.	Not	Hand.	Not
75th	8%	38%	11%	31%	9%	37%	8%	30%
50th	14%	27%	17%	31%	10%	28%	13%	30%
25th	25%	23%	28%	24%	26%	24%	28%	26%
	52%	11%	44%	14%	56%	12%	51%	14%
Median Nat'l %ile Rank	25	66	26	64	22	65	25	58

TABLE 3. COMPARISON OF NATIVE ENGLISH SPEAKING STUDENTS WITH STUDENTS FOR WHOM ENGLISH IS A SECOND LANGUAGE (ESL)

%ile	Reading		Spelling		Language		Math	
	ESL	Nat.	ESL	Nat.	ESL	Nat.	ESL	Nat.
75th	15%	39%	25%	31%	19%	37%	26%	30%
50th	23%	27%	27%	31%	22%	28%	26%	29%
25th	33%	23%	26%	24%	34%	23%	30%	26%
	30%	12%	22%	15%	26%	12%	19%	15%
Median Nat'l %ile Rank	41	66	54	64	43	65	52	58

TABLE 4. COMPARISON OF STUDENTS IN REGULAR CHAPTER 1 PROGRAMS WITH NON-CHAPTER 1 STUDENTS

%ile	Reading		Spelling		Language		Math	
	Chapter 1	Non	Chapter 1	Non	Chapter 1	Non	Chapter 1	Non
75th	*4%*	41%	*10%*	33%	*4%*	40%	*5%*	32%
50th	*15%*	28%	*23%*	31%	*15%*	29%	*17%*	31%
25th	*41%*	21%	*34%*	23%	*42%*	22%	*40%*	25%
	40%	9%	*33%*	13%	*39%*	10%	*39%*	13%
Median Nat'l %ile Rank	*31*	70	*34*	64	*31*	68	*32*	62

TABLE 5. COMPARISON OF STUDENTS IN CHAPTER 1-MIGRANT PROGRAMS AND ALL OTHER STUDENTS

%ile	Reading		Spelling		Language		Math	
	Migrant	Other	Migrant	Other	Migrant	Other	Migrant	Other
75th	*8%*	38%	*15%*	31%	*12%*	36%	*11%*	30%
50th	*19%*	27%	*25%*	31%	*17%*	27%	*24%*	29%
25th	*35%*	23%	*29%*	24%	*38%*	24%	*38%*	26%
	38%	12%	*32%*	15%	*33%*	13%	*27%*	15%
Median Nat'l %ile Rank	*33*	66	*34*	64	*33*	65	*40*	58

TABLE 6. COMPARISON OF RESULTS OF STUDENTS IN RAP PROGRAMS WITH ALL OTHER STUDENTS

%ile	Reading		Spelling		Language		Math	
	RAP	Other	RAP	Other	RAP	Other	RAP	Other
75th	5%	40%	9%	32%	5%	39%	6%	31%
50th	14%	28%	22%	31%	13%	28%	15%	30%
25th	38%	22%	32%	23%	37%	23%	37%	25%
	43%	10%	37%	13%	45%	11%	43%	13%
Median Nat'l %ile Rank	29	68	34	64	29	68	30	60

SECTION II - DISTRICT LEVEL RESULTS

In addition to reports of the state level test results, RCW 28A.03.360 requires that summary data be reported for each district participating in the fourth grade testing program. This section provides district-by-district summaries for reading, spelling, language and math totals.

Tables 7 and 8 provide the numbers of districts whose median percentile scores were significantly higher, about the same as or lower than the national median percentile ranks of 50 for each of the subtests on the CAT. Table 7 includes the districts that tested 50 or more students.

TABLE 7. NUMBERS OF DISTRICTS TESTING 50 OR MORE STUDENTS WHOSE DISTRICT MEDIAN PERCENTILE RANKS WERE SIGNIFICANTLY ABOVE, ABOUT THE SAME AND SIGNIFICANTLY BELOW THE NATIONAL MEDIAN PERCENTILE RANKS*

	Significantly Above 50 %ile	About 50 %ile	Significantly Below 50 %ile
Reading Vocabulary	146	2	6
Reading Comprehension	139	9	6
Reading Total	143	6	5
Spelling	102	41	11
Language Mechanics	119	29	6
Language Expression	138	13	3
Language Total	137	10	7
Math Computation	66	35	53
Math Concepts/Applications	132	13	9
Math Total	107	24	23
Total Battery	142	6	6

*See Table 9 for 95% confidence ranges used to determine significance levels.

Table 8 includes those districts testing fewer than 50 students. Because of the instability of scores from small groups, median percentiles were not calculated for districts testing fewer than ten students.

TABLE 8. NUMBERS OF DISTRICTS TESTING FEWER THAN 50* STUDENTS WHOSE DISTRICT MEDIAN PERCENTILE RANKS WERE SIGNIFICANTLY ABOVE, ABOUT THE SAME AND SIGNIFICANTLY BELOW THE NATIONAL MEDIAN PERCENTILE RANK.**

	Significantly Above 50 %ile	About 50 %ile	Significantly Below 50 %ile
Reading Vocabulary	64	23	10
Reading Comprehension	71	17	9
Reading Total	70	16	11
Spelling	32	58	7
Language Mechanics	47	38	12
Language Expression	70	20	7
Language Total	64	23	10
Math Computation	34	37	26
Math Concepts/Applications	62	27	8
Math Total	54	21	22
Total Battery	63	22	12

*Median percentile scores were not calculated for the 44 school districts who tested fewer than 10 students.

**See Table 9 for 95% confidence ranges used to determine significance levels.

Approximate 95% Confidence Ranges

Test scores are estimates not exact measures of achievement, and the percentile score of any individual or group tested will vary up or down with each repeated testing. The amount of normal variation in a group's percentile score on the CAT will depend on the number of students in the group and the CAT subtest being considered. Table 9 lists the normal range of percentile scores for selected group sizes and CAT subtests.

TABLE 9. APPROXIMATE 95% CONFIDENCE RANGES FOR PERCENTILE SCORES FROM GROUPS OF DIFFERENT SIZES

	Number Tested						
	10	25	50	100	250	500	1000
Reading Vocabulary	7.2	4.4	3.2	2.4	1.6	1.0	0.8
Reading Comprehension	6.6	4.2	3.0	2.1	1.2	0.9	0.6
Reading Total	5.6	3.6	2.3	1.6	1.0	0.7	0.5
Spelling	15.0	10.0	6.7	5.0	3.0	2.0	1.5
Language Mechanics	11.2	7.0	4.9	3.5	2.1	1.4	1.1
Language Expression	8.0	5.2	3.6	2.4	1.6	1.2	0.8
Language Total	7.8	5.1	3.6	2.4	1.5	1.2	0.9
Math Computation	10.5	6.5	4.5	3.5	2.0	1.5	1.0
Math Concepts/Appl.	6.6	4.2	3.0	2.1	1.2	0.9	0.6
Math Total	6.2	3.8	2.8	2.0	1.2	0.8	0.6
Battery Total	5.2	3.3	2.3	1.7	1.0	0.7	0.5

Table 9 can be used to determine whether a local percentile score differs significantly from the national median percentile of 50 or the median percentile scores of other groups tested. To use the table, locate the column with the closest lower number corresponding to the number of students tested in the local group. Read down the appropriate number tested column and locate the figure opposite the subtest of interest. This figure is then added to the local median percentile score if it is less than 50. The figure in the column is subtracted from the local median percentile if it is larger than 50. If the resulting percentile score is still smaller (or larger) than 50, it can be reasonably concluded that the local score differs significantly (statistically) from the national median percentile rank of 50. The same process can be used for analyzing differences between district and state results or results between any two or more groups on the same subtests. In this case a confidence range needs to be determined for each group score being compared. If these score ranges do not overlap, the scores are significantly different.

The approximate 95% confidence ranges listed in Table 9 were used in constructing Tables 7 and 8.

The Percent or Number of Students Per Quarter provides another point of comparison with the national norm group. These distributions show clearly that there is a range of student performance from high achievement to low achievement in every district. The national norm distribution contains 25% of the students in each quarter. The accompanying district summaries display the percent or number of local student scores in each of the quarters.

The local district distributions may vary from the national norm pattern. Whether or not this variation is statistically significant is more difficult to estimate than it is for the median national percentile ranks. The significance of the variations depends primarily upon the numbers of students being tested. Generally the more students tested, the smaller the variation required for a significant difference. Conversely, when few students are tested, large differences may not be significant.

Results For Large and Small Districts

The results for districts testing 50 or more students are reported separately from those districts testing fewer than 50 students. Results for the larger districts are reported in percentages of students in each norm group quarter. Results for the smaller districts are reported in numbers of students in each norm group quarter. No results are reported for districts testing fewer than ten students.

Missing District Level Results

The following four districts tested no fourth graders in the fall of 1983.

Benge
Lamont (Lamont's 4th graders tested at Sprague)
Roosevelt
Shaw Island

RESULTS FOR DISTRICTS TESTING 50 OR MORE STUDENTS

District Name	ABERDEEN				ANACORTES			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	236	234	233	232	143	143	144	143
Median Nat'l Percentile	59	64	56	54	68	73	75	60
% of Students Per Quarter								
76-99	33%	33%	29%	29%	41%	41%	49%	27%
51-75	25%	27%	26%	23%	30%	30%	29%	36%
26-50	23%	21%	23%	24%	22%	18%	16%	27%
1-25	19%	18%	22%	24%	7%	11%	6%	11%

District Name	ARLINGTON				AUBURN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	180	181	181	181	539	537	539	537
Median Nat'l Percentile	62	54	59	60	59	64	62	64
% of Students Per Quarter								
76-99	35%	25%	29%	32%	32%	30%	34%	40%
51-75	27%	33%	33%	32%	28%	28%	25%	23%
26-50	26%	28%	27%	28%	30%	26%	30%	26%
1-25	12%	13%	11%	9%	11%	16%	12%	12%

District Name	BAINBRIDGE ISLAND				BATTLE GROUND			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	193	193	193	194	385	387	386	388
Median Nat'l Percentile	79	73	77	65	66	64	62	56
% of Students Per Quarter								
76-99	58%	46%	53%	36%	36%	32%	33%	25%
51-75	26%	30%	26%	32%	30%	32%	30%	32%
26-50	13%	16%	15%	23%	26%	26%	25%	25%
1-25	3%	8%	6%	9%	9%	11%	12%	18%

District Name	BELLEVUE				BELLINGHAM			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	881	881	880	879	564	565	565	564
Median Nat'l Percentile	80	81	77	80	70	64	68	58
% of Students Per Quarter								
76-99	56%	50%	54%	56%	45%	35%	40%	28%
51-75	25%	28%	24%	23%	26%	30%	27%	32%
26-50	14%	15%	18%	16%	20%	24%	24%	28%
1-25	4%	7%	4%	5%	10%	10%	9%	13%

District Name	BETHEL				BLAINE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	625	624	623	617	52	52	52	52
Median Nat'l Percentile	61	64	62	52	74	73	83	85
% of Students Per Quarter								
76-99	29%	31%	31%	24%	48%	46%	60%	58%
51-75	32%	30%	29%	27%	37%	39%	33%	27%
26-50	24%	23%	24%	29%	14%	12%	8%	15%
1-25	14%	16%	15%	19%	2%	4%	0%	0%

District Name	BREMERTON				BURLINGTON-EDISON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	318	312	314	314	156	156	156	156
Median Nat'l Percentile	50	54	53	52	69	64	72	64
% of Students Per Quarter								
76-99	26%	26%	21%	21%	40%	35%	40%	32%
51-75	24%	31%	31%	30%	28%	26%	30%	37%
26-50	34%	28%	29%	31%	20%	28%	24%	22%
1-25	17%	16%	19%	19%	12%	11%	6%	10%

District Name	CAMAS				CASCADE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	152	152	152	151	72	72	71	72
Median Nat'l Percentile	70	54	75	64	60	54	65	48
% of Students Per Quarter								
76-99	43%	28%	46%	37%	33%	25%	34%	24%
51-75	26%	29%	24%	32%	32%	36%	23%	21%
26-50	25%	26%	22%	22%	24%	28%	31%	38%
1-25	7%	17%	7%	9%	11%	11%	13%	18%

District Name	CASHMERE				CASTLE ROCK			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	82	82	82	81	101	101	100	101
Median Nat'l Percentile	71	64	72	64	70	64	67	58
% of Students Per Quarter								
76-99	45%	29%	42%	33%	43%	36%	43%	32%
51-75	28%	34%	34%	37%	26%	30%	26%	25%
26-50	20%	23%	15%	21%	19%	21%	18%	27%
1-25	7%	13%	10%	9%	13%	14%	13%	17%

District Name	CENTRALIA				CENTRAL KITSAP			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	217	217	216	216	598	598	597	595
Median Nat'l Percentile	61	54	67	57	67	64	65	60
% of Students Per Quarter								
76-99	37%	25%	39%	30%	41%	28%	37%	28%
51-75	25%	30%	25%	27%	24%	35%	26%	31%
26-50	21%	29%	24%	32%	21%	23%	24%	26%
1-25	17%	17%	12%	11%	14%	14%	13%	15%

District Name	CENTRAL VALLEY				CHEHALIS			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	749	749	748	743	158	158	158	158
Median Nat'l Percentile	67	54	65	56	58	64	62	47
% of Students Per Quarter								
76-99	38%	26%	35%	24%	32%	34%	29%	23%
51-75	28%	31%	27%	33%	28%	29%	30%	23%
26-50	23%	27%	27%	28%	25%	23%	24%	34%
1-25	11%	16%	12%	16%	15%	15%	17%	20%

District Name	CHELAN				CHENEY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	56	56	55	55	226	229	229	228
Median Nat'l Percentile	75	69	72	62	74	54	65	58
% of Students Per Quarter								
76-99	50%	36%	46%	36%	48%	20%	36%	29%
51-75	27%	39%	33%	33%	24%	39%	29%	29%
26-50	18%	18%	18%	27%	18%	26%	23%	24%
1-25	5%	7%	4%	4%	10%	15%	12%	18%

District Name	CHEWELAH				CHIMACUM			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	81	81	81	81	62	62	61	61
Median Nat'l Percentile	73	73	72	62	66	34	56	46
% of Students Per Quarter								
76-99	47%	42%	41%	31%	36%	21%	30%	16%
51-75	32%	32%	36%	32%	27%	19%	28%	26%
26-50	17%	12%	17%	22%	24%	37%	30%	36%
1-25	4%	14%	6%	15%	13%	23%	13%	21%

District Name	CLARKSTON				CLOVER PARK			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	207	207	207	207	777	754	770	776
Median Nat'l Percentile	66	54	58	58	57	54	53	50
% of Students Per Quarter								
76-99	36%	25%	23%	26%	27%	27%	23%	19%
51-75	27%	32%	35%	32%	30%	30%	29%	30%
26-50	25%	22%	29%	23%	26%	25%	31%	26%
1-25	13%	21%	13%	19%	17%	18%	17%	25%

District Name	COLUMBIA (WALLA WALLA)				COLVILLE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	60	60	60	60	139	139	139	139
Median Nat'l Percentile	62	54	58	41	61	45	62	54
% of Students Per Quarter								
76-99	25%	27%	28%	8%	35%	19%	37%	23%
51-75	38%	40%	28%	25%	25%	31%	22%	32%
26-50	25%	27%	35%	47%	24%	28%	22%	22%
1-25	12%	7%	8%	20%	17%	22%	19%	23%

District Name	COUPEVILLE				DEER PARK			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	61	61	61	61	108	107	107	109
Median Nat'l Percentile	79	64	75	68	62	54	56	46
% of Students Per Quarter								
76-99	54%	25%	43%	36%	32%	22%	23%	17%
51-75	28%	38%	38%	30%	27%	31%	36%	23%
26-50	13%	30%	16%	28%	23%	22%	26%	29%
1-25	5%	8%	3%	7%	18%	26%	14%	30%

District Name	DIERINGER				EASTMONT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	73	73	73	73	252	252	250	250
Median Nat'l Percentile	74	64	68	60	68	69	65	59
% of Students Per Quarter								
76-99	49%	30%	40%	26%	40%	39%	35%	26%
51-75	25%	41%	36%	37%	30%	33%	28%	35%
26-50	21%	23%	12%	26%	21%	18%	31%	26%
1-25	6%	6%	12%	11%	9%	10%	7%	12%

District Name	EAST VALLEY				EATONVILLE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	288	290	287	283	101	101	101	99
Median Nat'l Percentile	65	54	65	54	70	54	68	60
% of Students Per Quarter								
76-99	35%	25%	37%	19%	41%	23%	45%	27%
51-75	33%	30%	33%	35%	26%	29%	24%	31%
26-50	24%	27%	22%	30%	24%	31%	23%	25%
1-25	9%	18%	8%	15%	10%	18%	9%	16%

District Name	EDMONDS				ELLENSBURG			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	1039	1037	1035	1034	142	141	141	141
Median Nat'l Percentile	70	64	66	64	71	64	72	62
% of Students Per Quarter								
76-99	43%	36%	35%	37%	44%	30%	43%	31%
51-75	26%	35%	31%	30%	30%	41%	32%	33%
26-50	22%	19%	25%	25%	20%	19%	18%	24%
1-25	9%	10%	10%	8%	7%	10%	8%	11%

District Name	ELMA				ENUMCLAW			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	91	92	92	92	225	225	225	225
Median Nat'l Percentile	61	64	59	56	76	64	72	62
% of Students Per Quarter								
76-99	28%	32%	34%	24%	50%	29%	44%	30%
51-75	34%	34%	21%	33%	28%	35%	30%	42%
26-50	22%	21%	29%	30%	16%	27%	19%	20%
1-25	17%	14%	16%	13%	5%	9%	6%	8%

District Name	EPHRATA				EVERETT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	101	102	102	101	740	739	746	745
Median Nat'l Percentile	64	64	65	58	64	64	65	64
% of Students Per Quarter								
76-99	33%	34%	34%	29%	39%	32%	37%	36%
51-75	29%	29%	32%	35%	24%	31%	26%	28%
26-50	31%	24%	26%	26%	25%	22%	22%	20%
1-25	8%	13%	8%	11%	12%	15%	15%	17%

District Name	EVERGREEN (CLARK)				FEDERAL WAY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	893	894	898	889	1007	1008	1007	1005
Median Nat'l Percentile	65	64	62	56	68	64	68	60
% of Students Per Quarter								
76-99	35%	28%	36%	27%	39%	30%	39%	31%
51-75	32%	35%	30%	29%	31%	32%	28%	29%
26-50	23%	24%	22%	31%	20%	25%	22%	27%
1-25	11%	13%	12%	14%	10%	12%	11%	13%

District Name	FERNDALE				FIFE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	222	220	220	221	125	126	127	126
Median Nat'l Percentile	66	64	68	60	70	73	75	60
% of Students Per Quarter								
76-99	35%	37%	41%	32%	42%	40%	49%	30%
51-75	31%	27%	25%	29%	32%	31%	29%	36%
26-50	22%	23%	24%	26%	18%	19%	17%	24%
1-25	12%	13%	11%	13%	9%	10%	5%	10%

District Name	FINLEY				FRANKLIN PIERCE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	61	60	60	60	332	332	331	333
Median Nat'l Percentile	48	49	48	50	62	64	65	56
% of Students Per Quarter								
76-99	21%	17%	17%	10%	35%	33%	35%	24%
51-75	26%	33%	25%	35%	30%	30%	30%	32%
26-50	25%	30%	37%	35%	23%	22%	25%	28%
1-25	28%	20%	22%	20%	11%	15%	10%	16%

District Name	GOLDENDALE				GRAND COULEE DAM			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	103	103	103	103	82	82	82	82
Median Nat'l Percentile	56	54	53	50	66	54	56	53
% of Students Per Quarter								
76-99	30%	22%	25%	22%	39%	21%	21%	23%
51-75	23%	33%	26%	26%	28%	33%	37%	28%
26-50	26%	20%	22%	35%	22%	24%	28%	38%
1-25	20%	24%	26%	17%	11%	22%	15%	11%

District Name	GRANDVIEW				GRANGER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	150	150	148	147	50	51	51	51
Median Nat'l Percentile	45	54	56	52	33	26	35	23
% of Students Per Quarter								
76-99	21%	21%	25%	21%	10%	14%	8%	6%
51-75	21%	31%	28%	33%	12%	20%	20%	10%
26-50	45%	33%	37%	35%	34%	26%	35%	26%
1-25	13%	16%	10%	11%	44%	41%	37%	59%

District Name	GRANITE FALLS				HIGHLINE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	54	54	54	53	937	943	937	938
Median Nat'l Percentile	73	54	62	68	61	54	59	58
% of Students Per Quarter								
76-99	46%	30%	33%	40%	33%	24%	29%	28%
51-75	30%	33%	30%	28%	27%	30%	30%	32%
26-50	17%	24%	30%	26%	26%	26%	28%	28%
1-25	7%	13%	7%	6%	14%	21%	13%	12%

District Name	HOCKINSON				HOQUIAM			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	82	83	83	83	161	160	160	161
Median Nat'l Percentile	67	73	72	66	54	54	48	38
% of Students Per Quarter								
76-99	42%	42%	46%	40%	26%	29%	24%	16%
51-75	27%	31%	25%	28%	27%	24%	25%	21%
26-50	23%	16%	19%	22%	25%	27%	26%	29%
1-25	9%	11%	10%	11%	22%	19%	26%	35%

District Name	ISSAQUAH				KELSO			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	458	458	458	469	293	291	291	292
Median Nat'l Percentile	77	64	75	72	57	54	59	50
% of Students Per Quarter								
76-99	53%	36%	49%	44%	28%	25%	27%	16%
51-75	28%	34%	28%	30%	28%	30%	30%	31%
26-50	13%	21%	17%	18%	27%	29%	29%	36%
1-25	6%	9%	7%	9%	17%	17%	14%	18%

District Name	KENNEWICK				KENT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	682	682	681	680	1087	1089	1088	1087
Median Nat'l Percentile	68	64	75	64	68	65	75	66
% of Students Per Quarter								
76-99	40%	36%	46%	34%	40%	41%	48%	41%
51-75	31%	29%	30%	34%	26%	28%	23%	26%
26-50	22%	24%	18%	22%	22%	22%	18%	22%
1-25	7%	12%	7%	10%	12%	10%	10%	11%

District Name	KETTLE FALLS				KIONA BENTON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	75	74	75	75	101	101	101	101
Median Nat'l Percentile	61	54	50	48	66	54	65	52
% of Students Per Quarter								
76-99	31%	28%	28%	13%	41%	24%	38%	20%
51-75	27%	32%	20%	33%	23%	28%	24%	35%
26-50	27%	18%	32%	35%	21%	32%	23%	21%
1-25	16%	22%	20%	19%	14%	17%	16%	25%

District Name	LAKE STEVENS				LAKE WASHINGTON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	205	207	207	203	1194	1202	1201	1201
Median Nat'l Percentile	54	54	53	46	76	65	77	70
% of Students Per Quarter								
76-99	26%	18%	28%	18%	50%	37%	51%	44%
51-75	29%	35%	24%	28%	26%	35%	26%	29%
26-50	28%	24%	27%	30%	18%	20%	18%	19%
1-25	17%	23%	21%	25%	6%	7%	5%	9%

District Name	LAKEWOOD				LIBERTY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	84	84	82	82	52	52	52	52
Median Nat'l Percentile	58	64	53	50	59	54	56	59
% of Students Per Quarter								
76-99	27%	36%	31%	20%	39%	27%	31%	35%
51-75	32%	25%	20%	29%	27%	25%	21%	21%
26-50	30%	21%	39%	27%	23%	29%	35%	27%
1-25	11%	18%	11%	24%	12%	19%	14%	17%

District Name	LONGVIEW				LOWER SNOQUALMIE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	486	489	489	488	99	97	98	95
Median Nat'l Percentile	64	64	68	60	62	54	68	64
% of Students Per Quarter								
76-99	37%	31%	42%	32%	32%	28%	37%	35%
51-75	27%	29%	26%	28%	28%	31%	32%	31%
26-50	25%	25%	20%	27%	32%	28%	20%	21%
1-25	12%	14%	12%	13%	7%	13%	11%	14%

District Name	LYNDEN				MARYSVILLE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	132	133	133	133	436	437	437	437
Median Nat'l Percentile	71	64	72	64	64	64	65	55
% of Students Per Quarter								
76-99	37%	23%	43%	36%	35%	34%	33%	27%
51-75	40%	47%	34%	28%	33%	28%	35%	29%
26-50	21%	23%	17%	24%	24%	22%	23%	32%
1-25	2%	6%	7%	12%	8%	15%	9%	13%

District Name	MEAD				MEDICAL LAKE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	407	409	409	410	143	143	143	143
Median Nat'l Percentile	76	73	72	58	70	64	77	68
% of Students Per Quarter								
76-99	51%	45%	43%	27%	42%	40%	52%	37%
51-75	26%	28%	31%	34%	32%	36%	22%	33%
26-50	16%	19%	17%	26%	18%	18%	16%	25%
1-25	7%	8%	10%	14%	8%	7%	10%	6%

District Name	MERCER ISLAND				MERIDIAN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	218	218	218	217	76	76	76	76
Median Nat'l Percentile	85	73	80	81	74	54	62	56
% of Students Per Quarter								
76-99	71%	41%	58%	59%	45%	17%	33%	30%
51-75	20%	39%	28%	28%	34%	45%	38%	32%
26-50	7%	15%	11%	11%	17%	30%	25%	26%
1-25	1%	5%	4%	1%	4%	8%	4%	12%

District Name	MONROE				MONTESANO			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	189	190	190	190	109	108	109	109
Median Nat'l Percentile	57	54	62	56	70	73	62	62
% of Students Per Quarter								
76-99	31%	31%	34%	28%	43%	44%	34%	38%
51-75	27%	26%	26%	30%	25%	29%	29%	21%
26-50	27%	26%	25%	26%	24%	19%	22%	30%
1-25	16%	17%	16%	17%	8%	8%	15%	11%

District Name	MOSES LAKE				MOUNT ADAMS			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	333	333	333	330	69	69	69	69
Median Nat'l Percentile	61	55	62	54	57	73	48	70
% of Students Per Quarter								
76-99	32%	25%	29%	24%	32%	44%	20%	44%
51-75	30%	35%	32%	28%	28%	41%	23%	32%
26-50	25%	23%	27%	31%	36%	12%	46%	22%
1-25	12%	17%	12%	17%	4%	4%	10%	3%

District Name	MOUNT BAKER				MOUNT VERNON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	105	104	105	105	208	208	208	208
Median Nat'l Percentile	64	54	65	54	67	54	65	56
% of Students Per Quarter								
76-99	39%	27%	36%	26%	41%	26%	35%	29%
51-75	26%	26%	34%	29%	24%	30%	32%	30%
26-50	26%	24%	20%	32%	24%	29%	24%	29%
1-25	10%	23%	10%	13%	12%	15%	10%	12%

District Name	MOXEE				MUKILTEO			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	122	121	121	121	388	386	387	387
Median Nat'l Percentile	71	64	62	50	62	64	62	56
% of Students Per Quarter								
76-99	39%	36%	24%	23%	35%	29%	34%	28%
51-75	30%	28%	41%	26%	24%	33%	27%	28%
26-50	19%	25%	25%	37%	28%	20%	25%	25%
1-25	12%	12%	11%	14%	14%	17%	15%	19%

District Name	NACHES VALLEY				NEWPORT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	100	100	100	98	57	57	56	56
Median Nat'l Percentile	58	49	58	48	56	44	61	45
% of Students Per Quarter								
76-99	36%	22%	28%	20%	30%	23%	29%	16%
51-75	17%	28%	28%	29%	25%	25%	29%	29%
26-50	28%	30%	28%	32%	30%	30%	27%	27%
1-25	19%	20%	16%	19%	16%	23%	16%	29%

District Name	NINE MILE FALLS				NOOKSACK VALLEY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	76	78	77	78	81	81	81	81
Median Nat'l Percentile	55	54	48	51	71	64	65	48
% of Students Per Quarter								
76-99	29%	24%	21%	21%	40%	26%	36%	24%
51-75	25%	31%	25%	30%	32%	37%	30%	25%
26-50	33%	27%	43%	28%	24%	27%	21%	26%
1-25	13%	18%	12%	22%	5%	10%	14%	26%

District Name	NORTH FRANKLIN				NORTH KITSAP			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	106	106	106	106	298	298	297	296
Median Nat'l Percentile	57	54	50	58	68	64	66	64
% of Students Per Quarter								
76-99	32%	26%	26%	35%	39%	30%	37%	36%
51-75	22%	26%	21%	26%	25%	33%	29%	28%
26-50	32%	30%	41%	28%	25%	22%	21%	21%
1-25	14%	19%	13%	11%	12%	16%	14%	16%

District Name	NORTH MASON				NORTHSHORE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	69	69	69	69	966	968	968	963
Median Nat'l Percentile	61	64	75	68	73	64	72	66
% of Students Per Quarter								
76-99	35%	33%	45%	41%	45%	33%	43%	37%
51-75	29%	28%	32%	32%	30%	30%	32%	33%
26-50	23%	20%	13%	17%	19%	24%	20%	21%
1-25	13%	19%	10%	10%	7%	13%	5%	9%

District Name	NORTH THURSTON				OAK HARBOR			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	596	595	596	585	391	391	391	392
Median Nat'l Percentile	62	64	65	58	70	64	65	58
% of Students Per Quarter								
76-99	35%	29%	38%	29%	42%	27%	34%	30%
51-75	28%	31%	26%	30%	29%	39%	35%	30%
26-50	26%	26%	25%	27%	21%	24%	21%	27%
1-25	11%	14%	12%	14%	8%	11%	11%	13%

District Name	OCEAN BEACH				OCOSTA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	63	64	65	65	56	56	56	56
Median Nat'l Percentile	74	54	62	58	61	44	62	42
% of Students Per Quarter								
76-99	47%	27%	31%	20%	36%	25%	34%	18%
51-75	25%	30%	34%	43%	21%	23%	27%	18%
26-50	21%	30%	23%	20%	21%	23%	29%	34%
1-25	6%	14%	12%	17%	21%	29%	11%	30%

District Name	OKANOGAN				OLYMPIA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	58	58	58	58	419	420	414	417
Median Nat'l Percentile	61	49	65	55	74	64	72	68
% of Students Per Quarter								
76-99	31%	19%	35%	17%	50%	37%	43%	37%
51-75	36%	31%	31%	38%	22%	32%	26%	28%
26-50	29%	24%	28%	33%	18%	20%	20%	22%
1-25	3%	26%	7%	12%	11%	11%	12%	13%

District Name	OMAK				OROVILLE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	109	109	109	109	72	72	72	72
Median Nat'l Percentile	62	54	53	42	70	59	[illegible]	68
% of Students Per Quarter								
76-99	32%	19%	28%	19%	36%	26%	50%	36%
51-75	38%	35%	25%	17%	31%	35%	25%	32%
26-50	23%	26%	35%	30%	19%	19%	19%	25%
1-25	7%	20%	13%	34%	14%	19%	6%	7%

District Name	ORTING				OTHELLO			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	58	59	59	59	146	145	147	146
Median Nat'l Percentile	55	44	48	40	50	44	50	54
% of Students Per Quarter								
76-99	26%	22%	19%	10%	23%	22%	26%	23%
51-75	28%	24%	19%	22%	26%	25%	22%	31%
26-50	36%	29%	36%	34%	30%	23%	32%	28%
1-25	10%	25%	27%	34%	21%	30%	20%	19%

District Name	PASCO				PENINSULA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	424	422	422	420	373	373	372	373
Median Nat'l Percentile	55	54	56	54	62	54	59	56
% of Students Per Quarter								
76-99	28%	21%	29%	22%	36%	27%	29%	28%
51-75	26%	30%	27%	31%	30%	32%	32%	29%
26-50	26%	31%	27%	29%	22%	26%	28%	24%
1-25	21%	19%	18%	18%	12%	15%	12%	20%

District Name	PORT ANGELES				PORT TOWNSEND			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	316	318	318	318	86	88	88	88
Median Nat'l Percentile	59	64	53	56	64	64	59	50
% of Students Per Quarter								
76-99	29%	26%	27%	24%	41%	27%	28%	18%
51-75	29%	34%	24%	33%	28%	42%	35%	31%
26-50	27%	23%	34%	26%	13%	24%	21%	30%
1-25	15%	17%	16%	18%	19%	7%	16%	22%

District Name	PROSSER				PULLMAN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	137	141	138	135	155	154	154	152
Median Nat'l Percentile	61	44	59	58	80	73	75	74
% of Students Per Quarter								
76-99	29%	18%	29%	26%	60%	41%	46%	49%
51-75	38%	28%	33%	33%	26%	39%	36%	30%
26-50	20%	36%	28%	29%	11%	14%	14%	18%
1-25	13%	18%	11%	12%	3%	6%	4%	3%

District Name	PUYALLUP				QUILLAYUTE VALLEY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	816	819	817	816	117	117	117	116
Median Nat'l Percentile	70	55	68	56	61	55	65	48
% of Students Per Quarter								
76-99	40%	28%	38%	25%	25%	26%	38%	16%
51-75	32%	32%	29%	33%	33%	34%	29%	31%
26-50	19%	26%	23%	28%	27%	27%	25%	36%
1-25	9%	15%	10%	14%	15%	14%	9%	16%

District Name	QUINCY				RENTON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	109	110	110	109	745	751	749	752
Median Nat'l Percentile	54	54	50	46	64	55	68	68
% of Students Per Quarter								
76-99	31%	22%	21%	15%	36%	29%	41%	40%
51-75	21%	31%	26%	27%	29%	29%	26%	30%
26-50	29%	30%	36%	37%	26%	23%	23%	22%
1-25	18%	17%	18%	22%	9%	19%	9%	8%

District Name	RICHLAND				RIDGEFIELD			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	449	449	450	451	117	117	117	117
Median Nat'l Percentile	76	64	68	60	74	7[illegible]	77	74
% of Students Per Quarter								
76-99	51%	39%	44%	31%	49%	43%	56%	46%
51-75	25%	31%	25%	32%	21%	30%	27%	31%
26-50	18%	22%	21%	22%	27%	21%	12%	14%
1-25	6%	9%	9%	15%	4%	7%	6%	9%

District Name	RIVERSIDE				ROCHESTER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	102	101	102	102	87	92	92	88
Median Nat'l Percentile	65	64	65	61	52	59	53	52
% of Students Per Quarter								
76-99	38%	42%	36%	27%	24%	30%	23%	22%
51-75	25%	24%	30%	34%	28%	34%	29%	30%
26-50	31%	26%	21%	27%	26%	20%	27%	26%
1-25	6%	9%	13%	13%	22%	16%	21%	23%

District Name	SEATTLE				SEDRO WOOLLEY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	2863	2851	2848	2839	225	225	225	225
Median Nat'l Percentile	56	54	56	54	64	64	72	70
% of Students Per Quarter								
76-99	31%	28%	33%	29%	36%	35%	44%	42%
51-75	23%	28%	21%	25%	32%	34%	27%	31%
26-50	26%	24%	26%	26%	25%	21%	20%	20%
1-25	20%	21%	21%	20%	8%	11%	8%	7%

District Name	SELAH				SEQUIM			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	187	190	183	187	129	130	130	130
Median Nat'l Percentile	59	54	59	56	71	64	68	56
% of Students Per Quarter								
76-99	34%	23%	27%	27%	47%	35%	39%	29%
51-75	26%	34%	33%	29%	25%	28%	28%	34%
26-50	24%	27%	27%	31%	22%	23%	26%	23%
1-25	16%	15%	13%	13%	7%	14%	8%	15%

District Name	SHELTON				SHORELINE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	176	176	175	174	573	546	568	565
Median Nat'l Percentile	62	64	62	44	80	64	80	70
% of Students Per Quarter								
76-99	32%	30%	34%	13%	61%	40%	55%	44%
51-75	29%	36%	27%	30%	20%	30%	24%	28%
26-50	23%	18%	25%	28%	15%	19%	16%	22%
1-25	16%	16%	14%	29%	5%	11%	6%	6%

District Name	SNOHOMISH				SNOQUALMIE VALLEY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	367	370	367	365	215	215	214	214
Median Nat'l Percentile	66	64	65	50	70	64	67	62
% of Students Per Quarter								
76-99	37%	31%	38%	20%	41%	41%	40%	36%
51-75	31%	31%	25%	28%	34%	30%	32%	34%
26-50	20%	25%	25%	32%	21%	20%	21%	22%
1-25	12%	14%	12%	21%	5%	9%	7%	8%

District Name	SOUTH CENTRAL				SOUTH KITSAP			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	81	81	81	80	636	637	636	635
Median Nat'l Percentile	59	64	72	71	64	64	65	62
% of Students Per Quarter								
76-99	33%	41%	41%	45%	36%	35%	39%	32%
51-75	31%	28%	32%	34%	29%	33%	28%	30%
26-50	30%	19%	26%	18%	25%	21%	21%	25%
1-25	6%	12%	1%	4%	10%	12%	13%	14%

District Name	SOUTH WHIDBEY				SPOKANE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	93	93	93	92	1861	1865	1864	1863
Median Nat'l Percentile	71	64	65	60	64	64	62	56
% of Students Per Quarter								
76-99	45%	32%	32%	29%	38%	37%	34%	25%
51-75	34%	31%	30%	35%	27%	27%	28%	31%
26-50	17%	23%	29%	30%	23%	21%	23%	27%
1-25	3%	14%	9%	5%	13%	15%	15%	18%

District Name	STANWOOD				STEILACOOM			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	149	149	149	147	77	80	80	81
Median Nat'l Percentile	62	64	56	48	68	64	70	56
% of Students Per Quarter								
76-99	37%	35%	29%	18%	42%	28%	41%	33%
51-75	24%	28%	24%	29%	31%	35%	35%	20%
26-50	25%	22%	24%	30%	21%	23%	19%	36%
1-25	14%	15%	23%	23%	4%	15%	5%	11%

District Name	STEVENSON-CARSON				SULTAN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	57	57	57	57	89	89	89	88
Median Nat'l Percentile	71	54	65	50	62	55	50	50
% of Students Per Quarter								
76-99	44%	19%	35%	30%	37%	26%	21%	22%
51-75	25%	32%	23%	19%	27%	35%	26%	27%
26-50	14%	32%	28%	35%	21%	25%	28%	33%
1-25	18%	18%	14%	16%	15%	15%	25%	18%

District Name	SUMNER				SUNNYSIDE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	296	301	299	294	235	234	237	233
Median Nat'l Percentile	47	44	51	46	45	44	43	38
% of Students Per Quarter								
76-99	25%	17%	23%	19%	21%	18%	17%	11%
51-75	22%	28%	27%	24%	23%	27%	21%	26%
26-50	32%	29%	31%	34%	29%	30%	33%	33%
1-25	20%	26%	19%	23%	27%	25%	30%	31%

Teacher's strike occurred in Sunnyside School District during test week.

District Name	TACOMA				TAHOMA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	1823	1830	1825	1818	186	186	186	186
Median Nat'l Percentile	50	54	50	48	70	73	77	68
% of Students Per Quarter								
76-99	25%	27%	27%	21%	41%	45%	51%	38%
51-75	25%	27%	23%	25%	31%	32%	30%	39%
26-50	27%	26%	25%	29%	24%	16%	15%	20%
1-25	23%	21%	25%	25%	3%	7%	4%	3%

District Name	TENINO				TOLEDO			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	106	106	106	106	52	52	52	52
Median Nat'l Percentile	49	54	59	40	69	64	62	52
% of Students Per Quarter								
76-99	32%	29%	30%	10%	31%	35%	25%	17%
51-75	17%	23%	27%	25%	37%	39%	37%	33%
26-50	26%	21%	27%	42%	27%	21%	31%	31%
1-25	26%	27%	15%	24%	6%	6%	8%	19%

District Name	TONASKET				TOPPENISH			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	68	67	67	65	165	165	165	163
Median Nat'l Percentile	57	54	59	46	45	54	45	44
% of Students Per Quarter								
76-99	24%	30%	30%	17%	18%	19%	21%	11%
51-75	34%	24%	34%	23%	23%	37%	24%	24%
26-50	27%	27%	22%	31%	35%	29%	39%	42%
1-25	16%	19%	13%	29%	24%	15%	17%	23%

District Name	TUMWATER				UNIVERSITY PLACE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	264	265	264	264	225	226	226	224
Median Nat'l Percentile	70	54	65	54	71	64	65	52
% of Students Per Quarter								
76-99	42%	26%	33%	25%	44%	38%	38%	21%
51-75	26%	36%	32%	31%	28%	30%	31%	31%
26-50	21%	26%	25%	31%	21%	22%	27%	32%
1-25	11%	12%	10%	13%	8%	11%	5%	16%

District Name	VANCOUVER				VASHON ISLAND			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	886	890	888	887	97	99	98	96
Median Nat'l Percentile	68	64	65	60	79	73	72	68
% of Students Per Quarter								
76-99	41%	32%	37%	32%	55%	43%	39%	41%
51-75	25%	29%	28%	28%	29%	26%	35%	26%
26-50	23%	25%	24%	25%	10%	16%	19%	21%
1-25	11%	14%	11%	15%	6%	14%	7%	13%

District Name	WALLA WALLA				WAPATO			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	328	329	329	326	177	178	177	177
Median Nat'l Percentile	68	54	62	56	50	49	45	42
% of Students Per Quarter								
76-99	43%	24%	35%	32%	22%	20%	23%	15%
51-75	27%	36%	27%	26%	28%	30%	20%	25%
26-50	20%	24%	26%	29%	30%	25%	34%	28%
1-25	10%	16%	12%	14%	21%	25%	24%	32%

District Name	WASHOUGAL				WENATCHEE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	121	121	121	121	289	289	288	286
Median Nat'l Percentile	73	54	72	64	70	64	62	60
% of Students Per Quarter								
76-99	46%	23%	41%	34%	42%	32%	32%	28%
51-75	31%	36%	26%	32%	28%	37%	34%	33%
26-50	16%	26%	24%	24%	22%	22%	23%	25%
1-25	8%	16%	8%	10%	8%	10%	11%	14%

District Name	WEST VALLEY (SPOKANE)				WEST VALLEY (YAKIMA)			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	186	186	187	187	227	227	227	227
Median Nat'l Percentile	64	64	68	50	74	64	68	56
% of Students Per Quarter								
76-99	36%	34%	36%	19%	49%	37%	40%	26%
51-75	30%	31%	32%	29%	32%	32%	37%	32%
26-50	23%	22%	20%	34%	15%	23%	16%	31%
1-25	12%	14%	13%	18%	4%	8%	7%	11%

District Name	WHITE PASS				WHITE RIVER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	65	66	66	66	150	150	150	148
Median Nat'l Percentile	66	64	65	52	60	54	59	51
% of Students Per Quarter								
76-99	35%	26%	38%	23%	35%	24%	37%	23%
51-75	29%	38%	27%	32%	25%	33%	22%	27%
26-50	17%	23%	24%	33%	25%	21%	26%	22%
1-25	19%	14%	11%	12%	15%	22%	15%	28%

District Name	WHITE SALMON				WINLOCK			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	85	85	84	85	52	52	52	52
Median Nat'l Percentile	71	64	61	52	62	54	55	33
% of Students Per Quarter								
76-99	45%	40%	27%	31%	33%	25%	31%	12%
51-75	25%	26%	37%	22%	33%	37%	23%	21%
26-50	17%	20%	25%	34%	25%	25%	23%	29%
1-25	14%	14%	11%	13%	10%	14%	23%	39%

District Name	WOODLAND				YAKIMA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	86	87	87	89	660	662	656	654
Median Nat'l Percentile	61	54	59	40	60	54	59	54
% of Students Per Quarter								
76-99	29%	29%	28%	16%	34%	25%	29%	23%
51-75	31%	33%	35%	20%	24%	28%	25%	30%
26-50	29%	21%	24%	38%	25%	27%	27%	28%
1-25	11%	17%	14%	26%	17%	21%	18%	19%

District Name	YELM				ZILLAH			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	164	164	164	164	51	51	51	51
Median Nat'l Percentile	59	64	58	50	59	44	56	54
% of Students Per Quarter								
76-99	26%	32%	33%	25%	33%	28%	24%	24%
51-75	31%	26%	22%	24%	28%	16%	33%	41%
26-50	29%	24%	31%	33%	26%	39%	29%	26%
1-25	14%	17%	14%	18%	14%	18%	14%	10%

RESULTS FOR DISTRICTS TESTING FEWER THAN 50 STUDENTS

District Name	ADNA				ALMIRA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	35	35	35	35	6	6	6	6
Median Nat'l Percentile	77	88	77	76	**	**	**	**
# of Students Per Quarter								
76-99	23	19	19	18	**	**	**	**
51-75	5	9	10	12	**	**	**	**
26-50	7	5	4	5	**	**	**	**
1-25	0	2	2	0	**	**	**	**

District Name	ASOTIN-ANATONE				BICKLETON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	34	34	34	34	3	3	3	3
Median Nat'l Percentile	53	44	55	49	**	**	**	**
# of Students Per Quarter								
76-99	9	6	10	12	**	**	**	**
51-75	9	10	8	4	**	**	**	**
26-50	5	10	7	6	**	**	**	**
1-25	11	8	9	12	**	**	**	**

District Name	BOISTFORT				BREWSTER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	15	15	15	15	47	48	48	46
Median Nat'l Percentile	77	54	62	46	56	49	59	51
# of Students Per Quarter								
76-99	8	4	6	4	13	9	13	9
51-75	3	4	4	2	12	15	13	14
26-50	4	4	3	6	10	18	15	17
1-25	0	3	2	3	12	6	7	6

District Name	BRIDGEPORT				BRINNON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	15	15	15	15	8	8	8	8
Median Nat'l Percentile	47	44	40	42	**	**	**	**
# of Students Per Quarter								
76-99	4	3	2	0	**	**	**	**
51-75	3	1	1	4	**	**	**	**
26-50	7	4	3	9	**	**	**	**
1-25	1	5	7	2	**	**	**	**

District Name	CAPE FLATTERY				CARBONADO			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	26	25	26	26	5	5	5	5
Median Nat'l Percentile	55	54	58	51	**	**	**	**
# of Students Per Quarter								
76-99	9	5	8	6	**	**	**	**
51-75	6	9	9	7	**	**	**	**
26-50	9	7	6	9	**	**	**	**
1-25	2	4	3	4	**	**	**	**

District Name	CARROLLS				CENTERVILLE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	23	23	23	23	9	9	9	9
Median Nat'l Percentile	64	54	75	58	**	**	**	**
# of Students Per Quarter								
76-99	8	5	10	5	**	**	**	**
51-75	4	8	4	9	**	**	**	**
26-50	5	6	7	4	*	**	**	**
1-25	6	4	2	5	**	**	**	**

District Name	CLE ELUM-ROSLYN				COLFAX			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	49	49	49	49	49	49	49	49
Median Nat'l Percentile	59	64	59	54	73	64	62	62
# of Students Per Quarter								
76-99	17	14	15	6	21	14	16	20
51-75	12	18	13	22	12	12	14	20
26-50	15	12	15	12	10	14	13	8
1-25	5	5	6	9	6	9	6	1

District Name	COLLEGE PLACE				COLTON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	43	43	43	41	11	11	11	11
Median Nat'l Percentile	47	34	48	46	74	31	68	64
# of Students Per Quarter								
76-99	10	5	5	9	5	6	3	1
51-75	10	11	12	10	2	2	6	8
26-50	15	10	15	10	3	3	1	1
1-25	8	17	11	12	1	0	1	1

District Name	COLUMBIA (STEVENS)				CONCRETE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	11	11	11	11	45	45	45	45
Median Nat'l Percentile	62	54	75	64	52	54	59	60
# of Students Per Quarter								
76-99	2	1	4	2	10	9	10	14
51-75	5	5	3	5	14	16	15	10
26-50	3	3	4	3	11	13	11	8
1-25	1	2	0	1	10	7	9	13

District Name	CONWAY				COSMOPOLIS			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	31	31	31	31	27	27	27	27
Median Nat'l Percentile	56	54	56	50	80	73	72	68
# of Students Per Quarter								
76-99	10	5	5	7	15	12	12	9
51-75	7	12	14	7	8	7	10	11
26-50	10	9	8	9	1	5	1	4
1-25	4	5	4	8	3	3	4	3

District Name	COULEE-HARTLINE				CRESCENT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	12	12	12	12	20	21	21	21
Median Nat'l Percentile	65	73	56	37	44	44	35	32
# of Students Per Quarter								
76-99	4	4	3	2	4	3	3	2
51-75	3	3	5	2	5	7	4	5
26-50	4	2	1	5	6	4	9	4
1-25	1	3	3	3	5	7	5	10

District Name	CRESTON				CURLEW			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	7	7	7	7	19	19	19	18
Median Nat'l Percentile	**	**	**	**	71	64	62	46
# of Students Per Quarter								
76-99	**	**	**	**	7	8	3	2
51-75	**	**	**	**	6	3	10	6
26-50	**	**	**	**	4	7	2	7
1-25	**	**	**	**	2	1	4	3

District Name	CUSICK				DAMMAN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	34	34	34	34	3	3	3	3
Median Nat'l Percentile	54	64	70	60	**	**	**	**
# of Students Per Quarter								
76-99	9	14	12	7	**	**	**	**
51-75	11	9	14	13	**	**	**	**
26-50	8	10	5	12	**	**	**	**
1-25	6	1	3	2	**	**	**	**

District Name	DARRINGTON				DAVENPORT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	34	34	34	34	27	27	27	27
Median Nat'l Percentile	76	64	72	73	76	64	72	62
# of Students Per Quarter								
76-99	18	12	14	15	14	11	12	10
51-75	8	10	13	10	7	9	9	12
26-50	7	10	6	5	4	2	6	4
1-25	1	2	1	4	2	5	0	1

District Name	DAYTON				DIXIE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	43	43	43	43	3	3	3	3
Median Nat'l Percentile	66	54	62	66	**	**	**	**
# of Students Per Quarter								
76-99	16	10	14	15	**	**	**	**
51-75	15	17	11	14	**	**	**	**
26-50	6	8	12	9	**	**	**	**
1-25	6	8	6	5	**	**	**	**

District Name	EASTON				ENDICOTT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	4	4	4	4	7	7	7	7
Median Nat'l Percentile	**	**	**	**	**	**	**	**
# of Students Per Quarter								
76-99	**	**	**	**	**	**	**	**
51-75	**	**	**	**	**	**	**	**
26-50	**	**	**	**	**	**	**	**
1-25	**	**	**	**	**	**	**	**

District Name	ENTIAT				EVALINE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	13	15	14	14	3	3	3	3
Median Nat'l Percentile	27	26	33	21	**	**	**	**
# of Students Per Quarter								
76-99	3	1	2	1	**	**	**	**
51-75	2	3	2	2	**	**	**	**
26-50	2	5	5	3	**	**	**	**
1-25	6	6	5	8	**	**	**	**

District Name	EVERGREEN (STEVENS)				FREEMAN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	2	2	2	2	47	47	47	46
Median Nat'l Percentile	**	**	**	**	83	73	77	68
# of Students Per Quarter								
76-99	**	**	**	**	33	21	25	20
51-75	**	**	**	**	7	16	12	11
26-50	**	**	**	**	4	6	6	12
1-25	**	**	**	**	3	4	4	3

District Name	GARFIELD				GLENWOOD			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	12	12	12	12	12	12	12	12
Median Nat'l Percentile	73	64	65	75	64	54	82	71
# of Students Per Quarter								
76-99	4	4	5	6	3	3	8	4
51-75	5	4	4	3	6	4	3	7
26-50	3	2	3	3	3	4	1	1
1-25	0	2	0	0	0	1	0	0

District Name	GRAPEVIEW				GREAT NORTHERN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	16	16	16	16	2	2	2	2
Median Nat'l Percentile	75	64	67	67	**	**	**	**
# of Students Per Quarter								
76-99	8	5	5	7	**	**	**	**
51-75	4	5	4	5	**	**	**	**
26-50	2	4	4	2	**	**	**	**
1-25	2	2	3	2	**	**	**	**

District Name	GREEN MOUNTAIN				GRIFFIN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	5	5	5	5	49	49	49	48
Median Nat'l Percentile	**	**	**	**	76	64	68	62
# of Students Per Quarter								
76-99	**	**	**	**	26	15	19	14
51-75	**	**	**	**	15	15	17	19
26-50	**	**	**	**	4	15	8	12
1-25	**	**	**	**	4	4	5	3

District Name	HARRINGTON				HAZELMERE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	9	9	9	9	1	1	1	1
Median Nat'l Percentile	**	**	**	**	**	**	**	**
# of Students Per Quarter								
76-99	**	**	**	**	**	**	**	**
51-75	**	**	**	**	**	**	**	**
26-50	**	**	**	**	**	**	**	**
1-25	**	**	**	**	**	**	**	**

District Name	HIGHLAND				HOOD CANAL			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	40	40	40	40	28	28	28	28
Median Nat'l Percentile	76	64	72	64	57	44	55	56
# of Students Per Quarter								
76-99	22	12	16	13	7	7	11	8
51-75	8	17	13	14	11	6	4	7
26-50	7	9	8	11	6	10	9	6
1-25	3	2	3	2	4	5	4	7

District Name	INCHELIUM				INDEX			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	17	17	17	17	1	1	1	1
Median Nat'l Percentile	54	81	53	78	**	**	**	**
# of Students Per Quarter								
76-99	6	9	5	9	**	**	**	**
51-75	3	2	4	4	**	**	**	**
26-50	5	3	6	3	**	**	**	**
1-25	3	3	2	1	**	**	**	**

District Name	KAHLOTUS				KALAMA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	12	11	11	11	47	48	48	48
Median Nat'l Percentile	63	44	75	83	50	73	61	70
# of Students Per Quarter								
76-99	4	1	5	8	15	22	19	15
51-75	6	4	2	0	8	15	9	17
26-50	0	4	3	2	19	6	18	11
1-25	2	2	1	1	5	5	2	5

District Name	KELLER				KITTITAS			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	11	11	11	11	32	32	32	32
Median Nat'l Percentile	25	44	35	46	69	44	55	59
# of Students Per Quarter								
76-99	1	1	1	0	13	9	8	8
51-75	1	4	2	5	9	6	9	13
26-50	3	2	7	4	6	12	10	9
1-25	6	4	1	2	4	5	5	2

District Name	KLICKITAT				LA CENTER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	12	12	12	12	43	43	43	43
Median Nat'l Percentile	58	71	77	40	59	64	65	60
# of Students Per Quarter								
76-99	5	6	7	0	11	18	16	13
51-75	1	2	2	4	16	11	15	10
26-50	5	3	1	4	11	10	9	10
1-25	1	1	2	4	5	4	3	10

District Name	LA CONNER				LACROSSE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	30	30	30	29	11	11	11	11
Median Nat'l Percentile	30	44	44	54	77	54	68	52
# of Students Per Quarter								
76-99	9	8	9	3	6	2	4	2
51-75	4	6	5	13	3	6	4	5
26-50	3	6	6	6	2	1	3	3
1-25	14	10	10	7	0	2	0	1

District Name	LESTER				LIND			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	1	1	1	1	19	19	19	19
Median Nat'l Percentile	**	**	**	**	64	54	80	50
# of Students Per Quarter								
76-99	**	**	**	**	7	6	11	5
51-75	**	**	**	**	6	4	2	4
26-50	**	**	**	**	2	6	3	8
1-25	**	**	**	**	4	3	3	2

District Name	LOON LAKE				LOPEZ ISLAND			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	11	11	11	11	9	9	9	10
Median Nat'l Percentile	59	34	59	44	**	**	**	**
# of Students Per Quarter								
76-99	5	2	4	2	**	**	**	**
51-75	3	1	4	2	**	**	**	**
26-50	3	5	1	6	**	**	**	**
1-25	0	3	2	1	**	**	**	**

District Name	LYLE				MABTON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	28	28	28	28	33	33	33	33
Median Nat'l Percentile	69	54	53	58	44	44	40	48
# of Students Per Quarter								
76-99	14	6	9	9	4	9	6	6
51-75	2	9	5	7	7	7	6	7
26-50	6	9	11	11	14	9	12	12
1-25	6	4	3	1	8	8	9	8

District Name	MANSFIELD				MANSON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	6	6	6	6	23	23	23	23
Median Nat'l Percentile	**	**	**	**	68	44	80	58
# of Students Per Quarter								
76-99	**	**	**	**	7	7	12	6
51-75	**	**	**	**	11	4	6	9
26-50	**	**	**	**	4	10	4	4
1-25	**	**	**	**	1	2	1	4

District Name	MARY M. KNIGHT				MARY WALKER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	18	18	18	18	29	29	29	29
Median Nat'l Percentile	57	49	53	64	50	54	48	46
# of Students Per Quarter								
76-99	5	3	2	7	8	6	8	4
51-75	7	6	7	7	[illegible]	9	6	8
26-50	5	6	8	3	9	6	6	10
1-25	1	3	1	1	6	8	9	7

District Name	MC CLEARY				METHOW VALLEY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	30	30	30	30	37	37	37	37
Median Nat'l Percentile	46	34	47	64	70	54	65	62
# of Students Per Quarter								
76-99	4	1	3	6	17	8	13	11
51-75	6	10	11	13	7	12	11	12
26-50	12	12	11	8	6	7	6	9
1-25	8	7	5	3	7	10	7	5

District Name	MILL A				MORTON			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	6	6	6	6	37	37	37	37
Median Nat'l Percentile	**	**	**	**	62	64	59	56
# of Students Per Quarter								
76-99	**	**	**	**	12	10	8	8
51-75	**	**	**	**	12	13	13	13
26-50	**	**	**	**	8	11	10	12
1-25	**	**	**	**	5	3	6	4

District Name	MOSSYROCK				MOUNT PLEASANT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	32	32	32	32	7	7	7	7
Median Nat'l Percentile	51	59	58	44	**	**	**	**
# of Students Per Quarter								
76-99	6	7	11	5	**	**	**	**
51-75	10	11	10	10	**	**	**	**
26-50	13	10	9	11	**	**	**	**
1-25	3	4	2	6	**	**	**	**

District Name	NAPAVINE				NASELLE-GRAYS RIVER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	35	35	35	35	44	44	44	44
Median Nat'l Percentile	54	44	50	48	67	64	70	59
# of Students Per Quarter								
76-99	12	7	9	8	16	14	18	11
51-75	6	7	8	8	17	15	15	15
26-50	11	11	8	8	8	9	7	10
1-25	6	10	10	11	3	6	4	8

District Name	NESPELEM				NORTH BEACH			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	21	21	21	21	48	48	49	48
Median Nat'l Percentile	44	54	31	40	64	77	62	64
# of Students Per Quarter								
76-99	1	4	2	1	20	24	15	19
51-75	3	7	2	4	9	10	16	12
26-50	13	5	11	10	11	9	13	11
1-25	4	5	6	6	8	5	5	6

District Name	NORTHPORT				NORTH RIVER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	20	20	20	20	3	3	3	2
Median Nat'l Percentile	44	59	39	39	**	**	**	**
# of Students Per Quarter								
76-99	3	3	1	2	**	**	**	**
51-75	6	9	6	7	**	**	**	**
26-50	6	5	8	6	**	**	**	**
1-25	5	3	5	5	**	**	**	**

District Name	OAKESDALE				OAKVILLE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	9	9	9	9	29	29	29	29
Median Nat'l Percentile	**	**	**	**	68	64	72	54
# of Students Per Quarter								
76-99	**	**	**	**	10	8	9	5
51-75	**	**	**	**	14	12	13	11
26-50	**	**	**	**	2	8	4	12
1-25	**	**	**	**	3	1	3	1

District Name	ODESSA				ONALASKA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	15	15	15	15	46	47	47	45
Median Nat'l Percentile	47	81	72	56	58	54	53	44
# of Students Per Quarter								
76-99	5	8	7	6	14	9	13	6
51-75	2	4	1	2	10	16	12	11
26-50	3	1	4	4	14	12	10	15
1-25	5	2	3	3	8	10	12	13

District Name	ONION CREEK				ORCAS ISLAND			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	9	9	9	9	25	25	25	25
Median Nat'l Percentile	**	**	**	**	77	73	86	76
# of Students Per Quarter								
76-99	**	**	**	**	16	11	17	13
51-75	**	**	**	**	6	8	4	9
26-50	**	**	**	**	3	5	4	1
1-25	**	**	**	**	0	1	0	2

District Name	ORCHARD PRAIRIE				ORIENT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	4	4	4	4	13	14	14	14
Median Nat'l Percentile	**	**	**	**	45	39	46	29
# of Students Per Quarter								
76-99	**	**	**	**	4	1	2	0
51-75	**	**	**	**	2	4	4	4
26-50	**	**	**	**	3	4	2	3
1-25	**	**	**	**	4	5	6	7

District Name	ORONDO				PALISADES			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	12	12	12	11	3	3	3	3
Median Nat'l Percentile	53	30	51	34	**	**	**	**
# of Students Per Quarter								
76-99	1	3	2	1	**	**	**	**
51-75	5	1	4	1	**	**	**	**
26-50	3	5	5	5	**	**	**	**
1-25	3	3	1	4	**	**	**	**

District Name	PALOUSE				PATEROS			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	17	17	17	17	16	16	16	16
Median Nat'l Percentile	73	64	72	60	67	59	75	40
# of Students Per Quarter								
76-99	8	5	7	6	6	4	6	1
51-75	3	4	4	6	6	6	6	6
26-50	3	2	3	2	3	5	3	4
1-25	3	6	3	3	1	1	1	5

District Name	PATERSON				PE ELL			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	6	6	6	6	22	22	22	22
Median Nat'l Percentile	**	**	**	**	39	59	45	33
# of Students Per Quarter								
76-99	**	**	**	**	6	6	3	0
51-75	**	**	**	**	2	6	7	4
26-50	**	**	**	**	7	4	3	9
1-25	**	**	**	**	7	6	9	9

District Name	PIONEER				POMEROY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	40	40	40	40	43	43	43	43
Median Nat'l Percentile	66	59	59	51	76	73	86	78
# of Students Per Quarter								
76-99	13	6	10	7	22	19	26	25
51-75	14	18	15	13	12	15	9	9
26-50	10	11	9	12	7	7	6	8
1-25	3	5	6	8	2	2	2	1

District Name	PRESCOTT				QUEETS-CLEARWATER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	8	8	8	8	9	9	9	9
Median Nat'l Percentile	**	**	**	**	**	**	**	**
# of Students Per Quarter								
76-99	**	**	**	**	**	**	**	**
51-75	**	**	**	**	**	**	**	**
26-50	**	**	**	**	**	**	**	**
1-25	**	**	**	**	**	**	**	**

District Name	QUILCENE				QUINAULT LAKE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	12	12	12	12	25	25	25	25
Median Nat'l Percentile	66	59	79	55	50	44	50	44
# of Students Per Quarter								
76-99	5	4	6	3	8	7	10	5
51-75	3	4	3	6	4	5	1	5
26-50	4	4	3	1	10	6	9	9
1-25	0	0	0	0	3	7	5	6

District Name	RAINIER				RAYMOND			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	37	37	37	37	46	46	46	46
Median Nat'l Percentile	47	44	50	52	62	64	67	59
# of Students Per Quarter								
76-99	5	7	5	6	14	12	16	12
51-75	9	11	12	14	15	18	12	14
26-50	18	14	19	12	12	13	10	12
1-25	5	5	1	5	5	3	8	8

District Name	REARDAN-EDWALL				REPUBLIC			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	46	46	46	46	39	39	39	38
Median Nat'l Percentile	66	44	75	58	50	54	50	46
# of Students Per Quarter								
76-99	19	6	21	13	8	8	8	8
51-75	10	12	10	15	11	15	11	9
26-50	12	19	8	16	15	6	15	12
1-25	5	9	7	2	5	10	5	9

District Name	RITZVILLE				ROSALIA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	33	33	33	33	19	19	19	19
Median Nat'l Percentile	76	73	80	78	64	54	75	80
# of Students Per Quarter								
76-99	17	15	19	18	7	4	9	10
51-75	8	11	5	7	7	8	3	5
26-50	4	5	4	4	3	6	7	4
1-25	4	2	5	4	2	1	0	0

District Name	ROYAL				ST. JOHN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	45	45	45	45	13	13	13	13
Median Nat'l Percentile	56	44	56	46	68	64	75	64
# of Students Per Quarter								
76-99	14	9	12	5	5	6	6	3
51-75	9	10	12	14	6	4	4	7
26-50	14	21	15	18	2	1	2	3
1-25	8	5	6	8	0	2	1	0

District Name	SAN JUAN				SATSOP			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	36	37	37	37	7	7	7	7
Median Nat'l Percentile	70	73	65	60	**	**	**	**
# of Students Per Quarter								
76-99	16	18	14	14	**	**	**	**
51-75	12	13	12	10	**	**	**	**
26-50	6	5	8	9	**	**	**	**
1-25	2	1	3	4	**	**	**	**

District Name	SELKIRK				SKAMANIA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	34	34	35	33	8	8	8	7
Median Nat'l Percentile	71	64	68	56	**	**	**	**
# of Students Per Quarter								
76-99	14	15	14	4	**	**	**	**
51-75	12	7	11	14	**	**	**	**
26-50	6	9	5	8	**	**	**	**
1-25	2	3	5	7	**	**	**	**

District Name	SKYKOMISH				SOAP LAKE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	7	7	7	7	29	29	29	28
Median Nat'l Percentile	**	**	**	**	66	64	50	44
# of Students Per Quarter								
76-99	**	**	**	**	8	9	7	6
51-75	**	**	**	**	11	10	5	6
26-50	**	**	**	**	5	7	14	11
1-25	**	**	**	**	5	3	3	5

District Name	SOUTH BEND				SOUTHSIDE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	38	38	38	38	22	22	22	22
Median Nat'l Percentile	54	64	67	50	71	59	62	66
# of Students Per Quarter								
76-99	14	12	14	9	9	5	5	8
51-75	8	12	10	9	7	8	9	7
26-50	13	8	9	15	3	4	5	3
1-25	3	6	5	5	3	5	3	4

District Name	SPRAGUE				STAR			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	4	4	4	4	1	1	1	1
Median Nat'l Percentile	**	**	**	**	**	**	**	**
# of Students Per Quarter								
76-99	**	**	**	**	**	**	**	**
51-75	**	**	**	**	**	**	**	**
26-50	**	**	**	**	**	**	**	**
1-25	**	**	**	**	**	**	**	**

District Name	STARBUCK				STEHEKIN			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	5	5	5	5	2	2	2	2
Median Nat'l Percentile	**	**	**	**	**	**	**	**
# of Students Per Quarter								
76-99	**	**	**	**	**	**	**	**
51-75	**	**	**	**	**	**	**	**
26-50	**	**	**	**	**	**	**	**
1-25	**	**	**	**	**	**	**	**

District Name	STEPTOE				SUMMIT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	4	4	4	4	6	6	6	6
Median Nat'l Percentile	**	**	**	**	**	**	**	**
# of Students Per Quarter								
76-99	**	**	**	**	**	**	**	**
51-75	**	**	**	**	**	**	**	**
26-50	**	**	**	**	**	**	**	**
1-25	**	**	**	**	**	**	**	**

District Name	TAHOLAH				TEKOA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	24	26	24	26	11	11	11	11
Median Nat'l Percentile	25	26	19	21	77	81	77	85
# of Students Per Quarter								
76-99	1	5	1	1	6	6	7	6
51-75	3	4	3	4	5	4	2	5
26-50	7	6	6	6	0	1	2	0
1-25	13	11	14	15	0	0	0	0

District Name	THORP				TOUCHET			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	8	8	8	8	10	10	10	10
Median Nat'l Percentile	**	**	**	**	54	39	59	60
# of Students Per Quarter								
76-99	**	**	**	**	4	3	4	2
51-75	**	**	**	**	1	1	1	5
26-50	**	**	**	**	2	6	4	2
1-25	**	**	**	**	3	0	1	1

District Name	TOUTLE LAKE				TROUT LAKE			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	44	44	44	44	5	5	5	5
Median Nat'l Percentile	70	69	82	64	**	**	**	**
# of Students Per Quarter								
76-99	18	17	24	16	**	**	**	**
51-75	15	14	7	16	**	**	**	**
26-50	8	6	10	7	**	**	**	**
1-25	3	7	3	5	**	**	**	**

District Name	UNION GAP				VADER			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	40	40	38	38	14	14	14	14
Median Nat'l Percentile	48	44	43	51	73	88	74	57
# of Students Per Quarter								
76-99	9	8	6	4	5	10	3	4
51-75	8	8	6	15	7	4	7	7
26-50	12	16	19	11	2	0	4	2
1-25	11	8	7	8	0	0	0	1

District Name	VALLEY				WAHKIAKUM			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	21	22	21	22	39	39	39	39
Median Nat'l Percentile	54	44	43	51	73	73	62	64
# of Students Per Quarter								
76-99	5	0	4	2	15	16	9	7
51-75	7	5	6	9	15	12	20	18
26-50	[illegible]	13	6	6	6	9	5	10
1-25	4	4	5	5	3	2	5	4

District Name	WAHLUKE				WAITSBURG			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	22	22	22	22	13	13	13	13
Median Nat'l Percentile	57	54	65	55	66	64	48	58
# of Students Per Quarter								
76-99	7	5	6	3	5	6	3	5
51-75	5	7	8	10	3	1	3	3
26-50	5	6	3	7	4	3	5	3
1-25	5	4	5	2	1	3	2	2

District Name	WARDEN				WASHTUCNA			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	47	47	47	48	4	4	4	4
Median Nat'l Percentile	54	54	50	41	**	**	**	**
# of Students Per Quarter								
76-99	10	10	11	6	**	**	**	**
51-75	14	16	12	14	**	**	**	**
26-50	10	11	10	18	**	**	**	**
1-25	13	10	14	10	**	**	**	**

District Name	WATERVILLE				WELLPINIT			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	16	16	16	16	20	20	20	20
Median Nat'l Percentile	68	64	61	73	30	49	49	56
# of Students Per Quarter								
76-99	6	5	7	8	2	5	3	4
51-75	7	8	4	4	5	5	7	6
26-50	2	3	5	3	4	5	7	6
1-25	1	0	0	1	9	5	3	4

District Name	WILBUR				WILLAPA VALLEY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	28	28	28	28	31	31	31	31
Median Nat'l Percentile	74	59	64	62	70	54	65	54
# of Students Per Quarter								
76-99	12	12	11	7	13	7	10	3
51-75	7	3	7	11	12	14	11	15
26-50	6	8	6	4	6	6	9	10
1-25	3	5	4	6	0	4	1	3

District Name	WILSON CREEK				WISHKAH VALLEY			
	READ	SPELL	LANG	MATH	READ	SPELL	LANG	MATH
Number Tested	4	4	4	4	12	12	11	11
Median Nat'l Percentile	**	**	**	**	65	59	77	42
# of Students Per Quarter								
76-99	**	**	**	**	5	2	6	1
51-75	**	**	**	**	3	6	2	3
26-50	**	**	**	**	4	2	2	5
1-25	**	**	**	**	0	2	1	2

District Name	WISHRAM			
	READ	SPELL	LANG	MATH
Number Tested	7	7	7	7
Median Nat'l Percentile	**	**	**	**
# of Students Per Quarter				
76-99	**	**	**	**
51-75	**	**	**	**
26-50	**	**	**	**
1-25	**	**	**	**

APPENDIX A

State Level Evaluator's Summary

State Level Evaluator's Summary

This report summarizes the performance of all Washington fourth grade students tested in the 1983 administration of the California Achievement Test.

Information Reported:

N Count is the number of students included in each subtest.

Mean RS is the arithmetic average of all raw scores (number of items answered correctly).

Median RS is the median (middle) raw score in the total group.

Std. Dev. RS is the standard deviation of all the raw scores which indicates the spread or range of scores above and below the mean raw score. Two-thirds of all scores fall within one standard deviation (plus & minus) of the mean.

Mean SS, Median SS, Std. Dev. SS. The scale score (SS) is a special score which allows test results to be directly compared from one year to the next or across grade levels on the same test. The mean, median and standard deviation are interpreted the same as with the raw scores.

Mean NCE, Median NCE, Std. Dev. NCE. The normal curve equivalent (NCE) is a standard score which allows changes in scores on one test at two different testing times to be compared with changes on a different test when special conditions are met.

SNCE is the mean scale score (SS) converted to its normal curve equivalent.

Median NP. The median national percentile (NP) is the median (middle) score in the group converted to its national percentile equivalent.

SNP is the mean scale score (SS) converted to its national percentile equivalent.

75th, 50th and 25th percentiles (Q3, Q2, Q1). This section reports the raw scores (RS) that correspond to the 75th, 50th and 25th percentile in the local group. The raw scores are then converted to their corresponding national scale scores (SS), normal curve equivalents (NCE) and national percentile ranks (NP).

N/Quarter and %/Quarter. This section indicates the number (N) of students and the percentage (%) of students scoring in each of the national norm group quarters. The ranges 99-76, 75-51, 50-26 and 25-1 describe the national percentile scores included in each quarter.

STATE LEVEL EVALUATOR'S SUMMARY
CALIFORNIA ACHIEVEMENT TEST
OCTOBER, 1983 - FORM C, LEVEL 14

	PHONIC ANALYSIS	STRUCT ANALYSIS	READ VOCAB	READ COMPRH	READ TOTAL	SPELL	LANG MECH	LANG EXPR	LANG TOTAL	MATH COMPU	MATH C & A	MATH TOTAL	STUDY TOTAL	REF SKILL
N COUNT			48667	48635	48738	48760	48839	48830	48739	48844	48746	48826	48803	43157
MEAN RS			20.3	23.5	43.8	12.5	14.6	26.6	41.2	18.2	24.9	43.1	141.1	17.5
MEDIAN RS			21.5	24.2	45.4	12.7	14.7	28.0	42.7	17.8	25.3	42.9	144.2	19.2
STD DEV RS			7.2	9.0	15.3	3.6	4.7	7.1	10.6	7.0	8.5	14.3	38.8	5.3
MEAN SS			447.3	456.4	443.1	483.3	494.0	489.2	482.1	393.0	434.7	414.7	436.5	474.5
MEDIAN SS			449.5	457.2	443.4	490.7	494.7	487.0	481.7	392.8	434.3	413.9	430.2	474.2
STD DEV SS			49.0	57.6	54.1	72.6	51.0	56.5	54.0	39.6	39.7	35.0	39.9	54.6
MEAN NCE			58.1	56.6	57.7	55.1	56.5	58.0	56.0	51.9	56.0	54.7	57.1	58.1
MEDIAN NCE			59.5	57.2	58.4	56.7	57.7	58.0	57.7	51.8	55.3	53.9	56.9	58.2
SNCE*			59	57	58	55	57	59	58	52	56	55	57	58
STD DEV NCE			19.4	19.9	19.3	20.5	19.4	20.5	19.8	20.4	18.0	18.6	18.5	19.3
MEDIAN NP			67.5	63.2	64.4	63.7	63.7	65.0	64.7	53.8	60.3	57.9	63.2	65.2
SNP*			66	63	64	59	63	66	65	54	61	59	64	65
75%ILE (Q-3)														
RS			26.7	31.1	57.1	15.1	18.0	32.2	49.4	23.2	31.3	53.5	171.4	21.5
SS			482.7	492.1	475.1	529.1	527.0	523.2	514.4	417.2	459.3	435.5	454.4	501.5
NCE			71.7	69.1	70.1	69.1	70.0	71.2	70.4	65.2	67.3	66.5	69.5	74.5
NP			84.7	82.1	83.1	81.1	83.0	84.2	83.4	76.2	80.3	78.5	82.4	87.5
50%ILE (Q-2)														
RS			21.5	24.2	45.4	12.7	14.7	28.0	42.7	17.8	25.3	42.9	144.2	19.2
SS			449.5	457.2	443.4	490.7	494.7	487.0	481.7	392.8	434.3	413.9	430.2	474.2
NCE			59.5	57.2	58.4	56.7	57.7	58.0	57.7	51.8	55.3	53.9	56.9	58.2
NP			67.5	63.2	64.4	63.7	63.7	65.0	64.7	53.8	60.3	57.9	63.2	65.2
25%ILE (Q-1)														
RS			14.7	16.2	31.5	10.0	11.4	21.8	34.0	13.0	18.5	32.4	116.2	14.6
SS			416.7	419.2	406.5	435.0	457.4	454.6	447.0	368.0	410.5	392.4	406.2	446.6
NCE			45.7	44.2	45.5	41.0	42.4	44.8	45.0	39.0	45.5	42.4	45.3	46.0
NP			42.7	38.2	40.5	34.0	35.4	40.8	40.0	30.0	41.5	36.4	41.2	43.6
N / QUARTER														
76-99			18025	17041	18324	15061	17531	17480	17538	13505	15726	14257	15865	16056
51-75			13911	14602	13200	14954	11649	14037	13376	11642	13920	14226	15405	12903
26-50			11001	10217	11222	11491	12419	10152	11571	12644	12575	12704	10994	8993
1-25			5930	6975	5992	7254	7240	6561	6254	11053	6525	7443	5734	5143
% / QUARTER														
76-99			36.9	34.9	37.6	30.9	35.9	35.8	36.0	27.6	32.3	29.3	33.1	37.2
51-75			28.5	29.9	27.1	30.7	23.9	30.0	27.4	23.8	28.6	29.2	32.1	30.0
26-50			22.5	20.9	23.0	23.6	25.4	20.8	23.7	25.9	25.8	26.1	22.9	20.8
1-25			12.1	14.3	12.3	14.9	14.8	13.4	12.8	22.6	13.4	15.3	12.0	11.9

* SGE, SNCE, SNP ARE CONVERSIONS OF THE MEAN SS

APPENDIX B

State Right Response Summary

State Right Response Summary

The State Right Response Summary provides an analysis of the performance of Washington fourth graders on individual and groups of items in the California Achievement Test. The analysis is first divided by subtests (Test 1--Reading Vocabulary, Test 2--Reading Comprehension, etc.). The second division is by content domain (literal comprehension, interpretive comprehension, etc.). The third dimension is based on category objectives such as recall of facts, inferred meaning, etc.

For each of the items, the following information is provided about the students' performance:

1. The percentages (PCT) of students omitting, giving wrong, or giving right responses;

2. The percentage of students in the national norm group (national reference group) answering the item correctly. These figures--displayed in the three right-hand columns--are item difficulty values for each applicable grade at the time the CAT was "normed" The center column (4.1) corresponds to the time of year Washington students were tested and is therefore the percentage to be compared with Washington's "right percentage;" and

3. The difference between Washington's and the norm group's percents correct for each item and objective (far right-hand column).

Each school district and building that participated in the 1983 fourth grade testing program received right response summaries based on the district's student scores.

STATE RIGHT RESPONSE SUMMARY
CALIFORNIA ACHIEVEMENT TEST
OCTOBER, 1983 - FORM C, LEVEL 14

		LOCAL			NATIONAL REFERENCE GROUP --GRADE--			DIFFERENCE LOC - NAT
		OMITS	WRONG	RIGHT	3.6 RIGHT	4.1& RIGHT	4.2 RIGHT	4.1 - 4.1 RIGHT
		PCT	PCT	PCT	PCT	PCT	PCT	PCT
* ADJ = VOCAB LEVEL RAW SECTION STUDENT COUNT = 40807	**	4	23	66	51	56	54	10
OBJECTIVE 32 - SAME MEANING	**	3	24	73	55	61	62	12
01 QUIT, STOP		1	25	74	66	69	70	5
02 LEAP, JUMP		0	5	95	82	83	83	12
03 ACCEPT, TAKE		1	30	69	53	60	62	9
04 ORDINARY, USUAL		1	19	80	60	65	67	15
05 FINAL, LAST		0	14	85	65	71	71	14
06 CALLED, GATHER		0	14	85	71	75	75	10
07 PRONOUNCED, SPOKEN		2	22	76	56	64	66	12
08 ROUND, PILE		1	13	86	70	71	72	15
09 ENTIRE, WHOLE		1	16	83	63	68	69	15
10 FLOCK, GROUP OF ANIMALS		1	19	80	59	69	69	11
11 FAMILIAR, KNOWN		3	31	66	37	46	46	20
12 [illegible], CAPSIZED		<	23	77	60	54	65	13
13 [illegible], ANGER		<	24	76	59	62	64	14
14 [illegible], DEMANDING		3	31	66	50	55	57	11
15 HEAVY, TIRED		4	40	55	46	51	52	4
16 FREIGHT, CARGO		6	33	61	45	52	54	9
17 ANCIENT, OLD		7	33	60	40	49	50	11
18 [illegible], SUPPORT		8	32	61	37	43	45	18
19 [illegible], FAINT		8	28	65	40	50	52	13
20 [illegible], FAULT		10	32	58	41	49	51	7
OBJECTIVE 33 - OPPOSITE MEANING	**	15	20	65	46	55	56	10
21 DANGEROUS, SAFE		12	16	72	57	64	65	8
22 ROUGH, SMOOTH		14	20	66	49	58	59	8
23 SHALLOW, DEEP		15	15	70	50	61	62	9
24 FUTURE, PAST		17	21	62	38	48	50	14
25 [illegible], FAIL		19	27	54	36	43	45	11
OBJECTIVE 34 - MULTIMEANING	**	29	21	50	39	45	50	6
26 SHOULDER		23	11	66	54	60	68	8
27 TYPE		27	30	43	34	40	42	3
28 GLARING		29	18	52	37	46	48	6
29 SCALE		31	17	53	41	56	57	-3
30 COUNTER		33	29	38	27	33	35	5

* - THIS VALUE REPRESENTS A LINEAR INTERPOLATION BETWEEN THE TWO OUTER VALUES. ** - AVERAGES OF INCLUDED ITEMS

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		LOCAL			NATIONAL REFERENCE GROUP --GRADE--			DIFFERENCE LOC - NAT
		OMITS PCT	WRONG PCT	RIGHT PCT	3.8 RIGHT PCT	4.1* RIGHT PCT	4.2 RIGHT PCT	4.1 - 4.1 RIGHT PCT
[illegible]	**	0	35	59	46	51	52	8
LITERAL COMPREHENSION	**	7	37	57	44	50	51	7
OBJECTIVE 36 - RECALL OF FACTS	**	7	37	57	44	50	51	7
[illegible]		0	35	64	52	57	58	7
[illegible]		4	31	65	51	56	57	9
[illegible]		4	43	67	51	61	62	6
[illegible]		10	31	58	43	51	52	7
49 EVENT		4	43	53	40	45	46	8
06 EVENT		12	36	51	40	43	44	8
35 PLACE		0	32	67	53	57	59	10
69 PLACE		14	47	38	32	39	40	- 1
[illegible]		8	52	40	31	37	39	6
INTERPRETIVE COMPREHENSION	**	7	33	60	48	53	54	7
OBJECTIVE 38 - INFERRED MEANING	**	8	34	58	46	52	53	6
39 MAIN IDEA		0	43	56	44	47	48	9
50 MAIN IDEA		3	27	70	56	63	64	7
51 MAIN IDEA		12	36	53	40	47	47	6
41 CONCLUSION		4	29	67	55	60	61	7
00 CONCLUSION		11	41	48	52	60	61	8
53 CAUSE/EFFECT		5	45	50	36	44	45	6
03 CAUSE/EFFECT		14	51	35	32	37	37	- 2
04 CAUSE/EFFECT		15	21	64	52	58	60	6
OBJECTIVE 39 - CHARACTER ANALYSIS	**	2	30	67	54	58	59	9
33 FEELING		0	12	88	76	77	78	11
40 FEELING		0	38	62	45	49	50	13
32 MOTIVE		0	22	77	64	66	68	11
36 MOTIVE		1	38	61	44	49	51	12
39 MOTIVE		1	50	50	36	42	43	8
35 TRAIT		1	42	57	47	48	50	9
57 TRAIT		8	16	75	64	71	72	4
54 ATTITUDE		6	34	61	39	46	47	15
37 COMPARE CHARACTERS		0	23	76	70	71	71	5
52 COMPARE CHARACTERS		0	28	68	57	61	62	7
OBJECTIVE 40 - FIGURATIVE LANGUAGE	**	12	35	53	42	47	48	6

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		LOCAL			NATIONAL REFERENCE GROUP --GRADE--			DIFFERENCE
		OMITS PCT	WRONG PCT	RIGHT PCT	3.8 RIGHT PCT	4.1 RIGHT PCT	4.4 RIGHT PCT	LOC - NAT 4.1 - 4.1 RIGHT PCT
46 [illegible]		1	50	49	45	46	47	3
47 [illegible]		10	18	72	51	60	61	12
48 ALLIANCE		10	51	51	46	46	47	5
49 ALLIANCE		2	46	53	40	46	47	7
50 HYPERBOLE		19	28	53	44	47	49	6
51 HYPERBOLE		17	25	58	47	51	53	7
52 [illegible]SUBTRACTION		18	43	38	30	35	37	3
		2	47	50	36	41	42	9
CRITICAL [illegible]MENSION	**	1	43	56	46	47	48	9
OBJECTIVE 42 - AUTHOR ATTITUDE/POSITION	**	1	43	56	46	47	48	9
41 FACT/OPINION		2	46	52	35	38	40	14
42 FACT/OPINION		1	23	77	59	63	66	14
43 FACT/OPINION		2	54	44	33	37	38	7
44 FACT/OPINION		1	51	48	33	40	41	8
45 [illegible]MENT VIEWPOINT		1	40	59	51	56	57	3

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		LOCAL			NATIONAL REFERENCE GROUP --GRADE--			DIFFERENCE LOC - NAT
	OMITS PCT	WRONG PCT	RIGHT PCT	3.8 RIGHT PCT	4.1* WRONG PCT	4.2 RIGHT PCT	4.1 - 4.1 RIGHT PCT
[illegible]	**	3	35	62	55	58	59	4
[illegible] - [illegible]								
OBJECTIVE 44 - CONSONANT PHONEMES/GRAPHEMES	**	2	30	68	60	63	64	5
05 /J/ (IMAJINED, IMAGINED)		1	23	77	63	66	67	11
09 /S/ (FENSE, FENCE)		1	30	69	68	68	69	1
13 [illegible] (MISPEN, MISPEN)		5	54	41	36	40	41	1
22 SILENT SGL LTR (HAF, HALF)		0	8	92	85	87	87	5
23 SILENT SGL LTR (ILAND, ISLAND)		1	21	78	68	70	71	8
24 SILENT SGL LTR (PASENGERS, PASSENGERS)		4	46	51	43	47	48	4
OBJECTIVE 45 - VOWEL PHONEMES/GRAPHEMES	**	3	34	63	54	58	59	5
17 SHORT I (DESCOVERED, DISCOVERED)		7	49	44	35	37	39	7
18 SHORT I, IMED (BLANKIT, BLANKET)		9	27	64	56	59	61	5
61 [illegible] (SLEVES, SLEEVES)		0	53	47	41	41	41	6
62 [illegible] (FLUTED, FLOATED)		6	35	60	57	60	61	0
63 [illegible] (FENGET, FORGET)		0	10	90	78	84	85	6
64 [illegible] (MARGUN, MARGOM)		1	34	65	52	60	61	5
65 DIPHTHONG OI (SPOYL, SPOIL)		0	17	82	74	77	77	5
66 SCHWA (CARNIVEL, CARNIVAL)		2	45	53	41	45	46	8
OBJECTIVE 46 - MORPHEMIC UNITS	**	5	54	41	36	37	38	4
07 Y TO I -ES (REPLYS, REPLIES)		1	41	58	51	56	55	2
08 Y TO I -ES (WORRYS, WORRIES)		9	53	38	29	30	31	8
11 DBL FNL LTR -ING (SPINING, SPINNING)		2	64	34	33	32	33	2
12 DBL FNL LTR -ED (SKIPED, SKIPPED)		8	57	35	29	30	32	5
CORRECT WORDS - NOT AN OBJECTIVE	**	2	14	84	78	81	82	3
03 BRICK, SIDEWALK		0	11	88	82	84	84	4
13 PARK, SEASON		3	17	80	74	78	79	2

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		LOCAL			NATIONAL REFERENCE GROUP --GRADE--			DIFFERENCE LOC - NAT
		OMITS PCT	WRONG PCT	RIGHT PCT	3o8 RIGHT PCT	4o1* RIGHT PCT	4o2 RIGHT PCT	4o1 - 4o1 RIGHT PCT
[illegible]	**	3	39	58	49	52	53	6
CAPITALIZATION	**	0	30	69	60	64	65	5
OBJECTIVE 48 - 1/PROPER NOUNS/ADJECTIVES	**	0	20	79	69	73	74	6
32 MONTHS 1		0	15	85	74	77	78	8
33 CALENDAR REFERENCE, MONTH		0	16	84	75	79	80	5
34 GEOGRAPHICAL NAME, CITY		0	15	84	77	78	77	6
37 PERSONAL NAME		0	14	86	71	77	78	9
63 PROPER ADJECTIVE, MISC		0	41	58	48	52	53	6
OBJECTIVE 50 - BEGINNING WORDS/TITLES	**	0	43	57	50	54	54	3
31 CAPITALIZE WORD, SENTENCE		0	8	92	86	84	85	8
36 CAPITALIZE WORD, SALUTATION		0	38	62	54	58	59	4
12 CAPITALIZE WORD, QUOTATION		1	68	31	25	32	32	- 1
39 TITLES, PLAY		1	56	42	39	40	41	2
PUNCTUATION	**	4	43	52	42	45	47	7
OBJECTIVE 51 - END MARKS	**	4	22	74	60	67	68	7
11 PERIOD		1	12	87	74	78	79	9
13 QUESTION MARK		2	21	77	63	70	71	7
42 QUESTION MARKS		7	16	77	60	69	70	8
15 EXCLAMATION POINT		4	41	55	41	51	51	4
OBJECTIVE 53 - COMMA	**	5	57	38	31	32	34	6
16 DATE		1	45	54	49	46	47	8
18 INTRODUCTORY WORD		2	67	31	20	27	30	4
17 QUOTATION		3	59	38	33	34	36	4
21 SERIES		7	51	42	28	31	34	11
24 CITY/STATE		10	65	25	19	22	23	3
OBJECTIVE 54 - QUOTATION MARKS	**	6	54	39	30	33	33	6
14 DIVIDED		2	68	30	24	25	26	5
20 DIVIDED		10	58	32	21	27	29	5
19 UNDIVIDED		5	52	43	33	36	38	7
23 UNDIVIDED		9	43	48	37	41	43	7
40 TITLE/SHORT WORK		5	51	44	34	38	39	6
CORRECT SENTENCES - NOT AN OBJECTIVE	**	2	24	75	64	67	68	11
02 NO CAPS NEEDED		0	11	89	77	79	79	10
10 NO PUNC NEEDED		3	36	61	51	49	51	12

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		LOCAL			NATIONAL REFERENCE GROUP --GRADE--			DIFFERENCE
		OMITS	WRONG	RIGHT	3.0	4.1*	4.2	LOC - NAT
		PCT	PCT	PCT	RIGHT PCT	RIGHT PCT	RIGHT PCT	4.1 - 4.1 RIGHT PCT
[illegible]	**	5	25	70	58	62	63	8
USAGE	**	0	23	77	68	71	72	6
OBJECTIVE 57 - PRONOUNS	**	0	10	84	76	81	82	3
56 PERSONAL, OBJECTIVE (IT, THEM)		0	13	82	72	78	79	4
55 PERSONAL, OBJECT (SHE,ME,HIMSELF)		2	47	52	54	56	57	- 4
57 PERSONAL, POSSESSIVE (ITS, THEIR)		0	6	94	86	89	90	5
54 PERS, NOMINATIVE (HE,HIM,HIMSELF)		0	5	95	88	90	90	5
53 REFLEXIVE (ME, MYSELF)		0	4	95	89	93	93	2
OBJECTIVE 58 - VERBS	**	0	35	65	55	59	60	6
51 AGREEMENT		0	32	67	61	65	65	2
52 AGREEMENT		0	44	56	50	50	51	6
53 TENSE, FUTURE		0	30	69	58	66	67	3
54 TENSE, PRESENT PROGRESSIVE		0	25	74	62	66	67	8
5 TENSE, PAST PROGRESSIVE		0	42	57	46	50	51	7
OBJECTIVE 59 - ADJECTIVES	**	1	18	81	70	73	73	8
59 POSITIVE		1	12	87	77	80	80	7
60 COMPARATIVE		1	15	84	73	74	75	10
58 COMPARATIVE		1	13	86	75	77	78	9
57 SUPERLATIVE		1	18	82	71	74	75	8
60 SUPERLATIVE		1	32	67	56	58	59	9
SENTENCE STRUCTURE	**	3	31	66	54	57	58	9
OBJECTIVE 60 - SUBJECTS/VERBS	**	3	40	57	43	45	46	12
47 SUBJECT		2	24	74	55	62	63	12
48 SUBJECT		2	24	74	59	65	66	9
49 SUBJECT		3	56	41	30	35	36	6
50 VERB		3	44	53	36	33	35	20
51 VERB		3	42	55	44	42	43	13
52 VERB		4	52	45	31	30	32	15
OBJECTIVE 62 - MODIFYING/TRANSITIONAL WORDS	**	1	21	78	65	69	70	9
61 MODIFIER, ADVERB		1	14	85	75	78	79	7
62 MODIFIER, ADVERB		1	24	75	66	68	69	7
63 MODIFIER, ADJECTIVE		1	17	82	71	75	75	7

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		OMITS PCT	WRONG PCT	RIGHT PCT	3.8 RIGHT PCT	4.1# RIGHT PCT	4.2 RIGHT PCT	4.1 - 4.1 RIGHT PCT
44 TRANSITIONAL. CONNECTIVE		1	21	78	01	03	04	15
45 TRANSITIONAL. PREPOSITION		2	21	78	05	72	73	0
46 TRANSITIONAL. CONNECTIVE		2	30	68	54	58	59	10
OBJECTIVE 03 - COMPLETE/INCOMPLETE/RUN-ON	**	4	32	64	54	57	58	7
34 COMPLETE SENTENCE		4	17	79	07	72	73	7
35 INCOMPLETE SENTENCE		4	27	69	55	02	03	7
36 INCOMPLETE SENTENCE		5	48	47	39	41	41	6
55 RUN-ON SENTENCE		4	34	01	51	54	55	7
57 RUN-ON SENTENCE		5	32	03	56	58	59	5
PARAGRAPH ORGANIZATION	**	10	26	64	48	57	58	7
OBJECTIVE 00 - SEQUENCE	**	10	26	64	48	57	58	7
38 SENTENCE SEQUENCE		6	12	82	64	74	75	8
39 SENTENCE SEQUENCE		7	26	66	51	57	59	9
60 SENTENCE SEQUENCE		9	37	54	39	47	48	7
61 SENTENCE SEQUENCE		11	25	65	50	59	60	6
62 SENTENCE SEQUENCE		12	31	57	41	50	52	7
63 SENTENCE SEQUENCE		13	27	59	43	52	54	7

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		LOCAL			NATIONAL REFERENCE GROUP --GRADE--			DIFFERENCE LOC - NAT
		OMITS	WRONG	RIGHT	3.8 RIGHT	4.1* RIGHT	4.2 RIGHT	4.1 - 4.2 RIGHT
		PCT	PCT	PCT	PCT	PCT	PCT	PCT
MATHEMATICS COMPUTATION	**	20	35	46	42	44	46	2
TEST SECTION STUDENT COUNT = 48894								
OBJECTIVE 69 - ADDITION	**	7	28	65	57	62	63	3
05 1 TWO-DIG		1	18	81	71	79	80	2
01 THREE-DIG + TWO-DIG, NUM, NO REGR		0	14	86	80	83	83	3
02 THREE-DIG + 2 TWO-DIG, NO REGR		0	25	75	68	73	74	2
03 1 THREE-DIG		8	25	67	57	65	66	2
04 1 FOUR-DIG		0	19	81	72	76	77	5
06 1 FOUR-DIG		0	18	82	74	79	79	3
22 COLUMN, UP TO FOUR-DIG		11	40	49	40	48	49	1
23 MONIC, UP TO THREE-DIG		13	31	56	42	50	52	0
25 LIKE FRACTIONS		21	65	14	16	11	15	3
24 DECIMAL NO + DECIMAL FR		14	28	57	47	54	55	3
OBJECTIVE 70 - SUBTRACTION	**	14	34	52	46	53	54	- 1
07 1 TWO-DIG		1	41	58	52	58	59	0
27 THREE-DIG - TWO-DIG, NUM, NO REGR		21	27	52	47	53	55	- 1
09 1 THREE-DIG		1	43	55	48	57	58	- 2
30 FOUR-DIG - THREE-DIG		29	43	27	22	26	28	1
29 1 FOUR-DIG		27	41	32	25	33	34	- 1
28 1 FIVE-DIG, NO REGR		19	31	50	44	52	53	- 2
10 LIKE FRACTIONS		8	30	62	58	66	66	- 4
32 MIXED NUMBER - WHOLE NUMBER		7	23	69	54	62	64	7
26 DECIMAL FRACTIONS		24	38	38	34	40	42	- 4
06 DECIMAL NUMBERS, NO REGR		1	21	78	73	78	78	0
OBJECTIVE 71 - MULTIPLICATION	**	23	39	38	37	36	39	2
14 1 ONE-DIG, HORIZ		6	33	62	65	59	63	3
11 MULTIPLE OF 10 X ONE-DIG, HORIZ		4	33	63	62	59	62	4
12 TWO-DIG X ONE-DIG, HORIZ		5	37	58	54	54	57	4
15 THREE-DIG X ONE-DIG		8	40	53	54	50	53	3
13 FOUR-DIG X ONE-DIG, HORIZ, NO REGR		8	33	58	56	54	58	4
32 MULTIPLE OF 10 X TWO-DIG		38	49	13	11	9	13	4
35 2 TWO-DIG, NO REGR		44	47	9	8	7	11	2
31 MULT OF 100 X MULT OF 10, HORIZ		32	26	42	36	43	45	- 1
33 THREE-DIG X TWO-DIG		42	47	11	10	8	12	3
34 MULTIPLE OF 100 X THREE-DIG		44	44	13	10	12	14	1
OBJECTIVE 72 - DIVISION	**	34	38	27	29	27	30	0
17 TWO-DIG / ONE-DIG		15	48	36	45	34	39	2
19 TWO-DIG / ONE-DIG		18	46	36	40	32	37	4
16 TWO-DIG / ONE-DIG, NO REM		12	41	47	48	48	50	- 1
20 THREE-DIG / ONE-DIG, NO REM		22	47	32	36	33	36	- 1
39 THREE-DIG / ONE-DIG		53	28	19	14	16	18	3
18 FOUR-DIG / ONE-DIG, NO REM		19	34	46	46	46	48	0
40 FOUR-DIG / ONE-DIG		54	34	12	9	10	13	2
36 2 TWO-DIG, NO REM		52	39	10	9	10	12	0
38 THREE-DIG / MULT OF 10, NO REM		48	35	16	17	16	19	0
37 MULT OF 100 / MULT OF 10		50	32	18	20	20	23	- 2

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	UNITS PCT	WRONG PCT	RIGHT PCT		3.8 RIGHT PCT	4.1* WRONG PCT	4.2 RIGHT PCT	LOC - NAT 4.1 - 4.1 RIGHT PCT
MATH: BASIC CONCEPTS AND APPLICATIONS	**	6	37	55	45	49	51	6
TEST SECTION STUDENT COUNT = 46760								
OBJECTIVE 73 - NUMERATION	**	9	30	61	49	52	53	9
41 POINT ON NUMBER LINE, MIXED NO		2	12	86	77	82	82	4
43 VALUE OF DIG IN THOUSAND'S PLACE		1	14	85	70	74	75	11
50 GREATEST VALUE, FOUR-DIG		2	26	72	59	64	65	8
78 ESTIMATE TO NEAREST HUNDRED		18	53	29	20	22	23	7
84 EXPANDED NOTATION, FOUR-DIG		24	45	31	17	20	22	11
OBJECTIVE 74 - NUMBER THEORY	**	6	41	51	43	47	48	4
44 RENAME HUNDREDS AND ONES		1	22	77	67	71	71	6
60 SEQUENCE, SUBTRACT FOURS		3	31	65	57	61	62	4
62 FACTOR OF 8 AND 10		6	39	55	48	50	52	5
75 ODD NUMBERS		12	51	37	27	34	35	3
80 EQUIV FRACTIONS, FIG HALF SHADED		17	81	22	15	19	21	3
OBJECTIVE 76 - NUMBER SENTENCES	**	15	46	38	37	38	39	0
42 IDENTIFY DIVISION SENTENCE		1	14	84	75	78	79	5
76 IDENTIFY TRUE SENTENCE		15	58	26	27	28	30	- 2
78 SIGN TO MAKE SENTENCE TRUE, DIV		13	42	45	40	43	44	2
82 BOX AS PLACEHOLDER, MULT		22	59	19	21	21	22	- 2
83 BOX AS PLACEHOLDER, ADD/MULT		24	58	18	20	21	22	- 3
OBJECTIVE 78 - NUMBER PROPERTIES	**	4	26	68	66	69	70	- 1
47 COMMUTATIVE PROPERTY, MULT		5	33	63	63	71	72	- 8
64 ASSOCIATIVE PROPERTY, ADD		6	32	62	55	66	66	- 4
65 IDENTITY ELEMENT, ADDITION		1	11	87	81	83	83	4
82 FACT FAMILY, DIV/MULT		5	36	59	65	54	58	5
OBJECTIVE 80 - COMMON SCALES	**	5	33	62	50	53	53	9
51 MONEY, TOTAL VALUE		9	30	70	63	64	63	6
55 MONEY, ADD QUARTER		2	33	65	49	57	59	8
70 TIME, ADD TIME TO CLOCK		6	38	56	42	49	50	7
53 CALENDAR, DATE ON DAY		1	9	91	78	82	83	9
54 CALENDAR, DAY ON DATE		2	42	56	38	37	40	19
85 READ THERMOMETERS/SUBT TEMPS		22	44	34	27	31	32	3
OBJECTIVE 81 - GEOMETRY	**	6	38	56	43	47	49	9

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		OMITS PCT	WRONG PCT	RIGHT PCT	3.8 RIGHT PCT	4.10 RIGHT PCT	4.2 RIGHT PCT	LOC - NAT 4.1 - 4.1 RIGHT PCT
56 PLANE FIGURES. TRIANGLES		3	37	60	49	49	56	11
40 SOLID FIGURES. CONE		1	17	82	60	58	60	24
60 POINT ON LINE		9	37	54	43	51	51	3
60 LINE SEGMENT		10	41	49	39	45	47	4
61 PARALLEL LINES		8	58	34	25	32	33	2
OBJECTIVE 66 - MEASUREMENT	**	12	42	46	35	41	42	5
67 MASS. CONVERT GRAMS TO KG		6	30	64	41	44	45	10
69 MASS. READ SCALE		5	51	44	33	38	39	0
77 LENGTH. CONVERT METERS TO KM		17	52	31	24	28	29	3
59 OPERATIONS. ADD LITERS		4	20	76	57	69	70	7
76 OPERATIONS. ADD KILOMETERS		18	36	47	31	42	43	5
81 AREA. RECTANGLE		19	58	23	21	23	24	0
OBJECTIVE 84 - GRAPHS	**	5	28	68	50	54	56	14
46 PICTURE GRAPH		1	22	77	60	63	63	14
49 PICTURE GRAPH		1	36	63	43	47	49	16
72 BAR GRAPH		8	25	67	48	55	57	12
73 BAR GRAPH		8	27	65	47	52	54	13
OBJECTIVE 88 - STORY PROBLEMS	**	5	42	53	44	47	49	6
55 WHOLE NUMBERS. SUBTRACT		1	33	66	52	57	59	9
57 WHOLE NUMBERS. DIVIDE		2	44	53	53	49	54	4
68 WHOLE NUMBERS. ADD/MULTIPLY		6	53	41	32	36	36	5
65 NEEDED OPERATIONS		6	33	62	49	57	57	5
71 NEEDED OPERATIONS		8	49	43	32	37	39	6

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		OMITS	WRONG	RIGHT	3.8 RIGHT	4.1* WRONG	RIGHT	4.2 RIGHT	4.1 - 4.1 RIGHT
		PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT
SUPERVISE SKILLS									
TEST SECTION STUDENT COUNT = 43157	**	3	28	70	56	60	61		10
OBJECTIVE 07 - TITLE PAGE/COPYRIGHT PAGE	**	1	35	64	52	55	55		9
01 TITL PG. ILLUSTRATOR'S NAME		0	17	82	67	71	72		11
02 TITL PG. SUBJECT OF BOOK		1	24	75	64	66	67		12
03 TITL PG. LOCAT OF PUBLISHER		1	20	77	54	61	62		10
04 TITL PG. INFO INCLUD/EXCLUDED		1	17	82	69	72	73		10
07 CPYRT PG. YEAR OF COPYRIGHT		1	89	9	13	11	10		- 2
05 CPYRT PG. LOCAT OF PUBLISHER		1	39	60	45	50	51		10
06 CPYRT PG. INFO INCLUD/EXCLUDED		2	32	66	51	51	53		15
OBJECTIVE 08 - TABLE OF CONTENTS	**	1	19	80	64	68	69		12
08 CHAPTER NUMBER, PAGE NUMBER		1	11	88	74	74	75		14
09 SUBJECT OF CHAPTER		1	25	74	59	62	63		12
10 SUBJECT OF CHAPTER		1	13	86	71	73	76		11
11 GLOSSARY, PAGE NUMBER		2	20	78	56	66	66		12
12 INFORMATION INCLUDED/EXCLUDED		2	23	75	62	62	63		13
OBJECTIVE 91 - INDEX	**	2	16	82	71	73	74		9
14 SUBJECT, PAGE NUMBER		2	14	84	72	74	75		10
15 SUBJECT, PAGE NUMBER		2	15	83	71	73	76		8
16 SUBDIVISION OF SUBJ, PAGE NOS		1	12	87	76	77	78		10
16 DESCRIPTION OF SUBJ, PAGE NOS		2	18	80	66	72	73		8
17 DESCRIPTION OF SUBJ, PAGE NOS		2	20	78	67	69	70		9
OBJECTIVE 92 - DICTIONARY PAGE	**	5	35	60	48	54	55		6
18 GUIDE WORDS, IDENTIFICATION		4	28	68	52	61	62		7
20 GUIDE WORDS, USE		6	42	52	40	45	46		7
19 DEFINITIONS		4	18	78	65	71	72		7
21 HOMOGRAPH ENTRIES		6	54	40	33	38	39		2
OBJECTIVE 93 - MAPS	**	5	34	61	46	51	51		10
23 KEY		4	67	29	27	29	29		0
24 CARDINAL DIRECTIONS		5	23	72	52	58	59		14
25 CARDINAL DIRECTIONS		8	22	71	53	58	59		13
22 KEY/CARDINAL DIRECTIONS		4	23	73	52	57	58		16

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